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VAUGHAN'S MIXTURE OF POPPIES

PRICE per pkt. 10¢. 3 pkts. 25¢. ½ oz. 30¢. oz. 50¢.

FOR DESCRIPTION SEE INSIDE COVER PAGE

VAUGHAN'S SEED STORE,

14 BARCLAY ST. NEW YORK.

Vaughan's Mixture of Poppies.

SEE ILLUSTRATION ON FRONT COVER.

For
Ease of Culture,
Beauty of Form,
Variety of Color,
Brilliancy, and
Effectiveness,
No Annual
Can Compare
with the Poppy.

996 This beautiful mixture embraces everything in the line of Poppies that is showy, handsome, brilliant, effective and delicate, of single, semi-double and double, annual and perennial sorts. The lovely Shirley Poppies with their endless variety of color, and their delicate texture; the brilliant Carnation and Paeony-flowered sorts with their immense double flowers and gorgeous hues; the Tulip Poppy of dazzling scarlet; the White Swan, double in blossom and of purest white; the Fayal Poppies whose colors range from softest grays and pinks to the deepest and richest reds; the free-blooming Golden Gate;—in short—every rare and desirable Poppy sort is included in "Vaughan's Mixture."

There is no garden large or small, which would not be gayer for a bed of these brilliant flowers, whose luxuriant bloom captivates the eye and pleases the artistic fancy. Shade or sunshine, rich soil or poor, sow the seed in the open ground, thin the plants as they need, and you may revel all the summer days—or nights—in the satiny loveliness of Poppies, white and scarlet, gray and pink, in brilliant profusion.

Price, pkt. (500 seeds), **10c.; 3 pkts. 25c.; ½ oz., 30c.; oz., 50c.**

☞ *For other Poppies see Flower Seed pages of this catalogue.*

Vaughan's Special Mixture of Climbing Nasturtiu

792 Our knowledge of Flower Seed Mixtures, gained by extensive trials, and repeated personal inspection of all the European seed farms of note, has led us to the conviction that our customers will not be satisfied with the product from mixtures ual sold, and we now offer the most popular and important Flower Seeds in "Spe Mixtures" prepared by ourselves.

We call attention to **VAUGHAN'S SPECIAL MIXTURE** of Climbing Nastu tiums. In it will be found all the choicest colors of the tall Nasturtiums, the rich velvety Lobb varieties, the Canaryhird creeper, and last but by no means least, the acme of perfection in Nasturtiums, the new Hybrids of Mad. Gunther, finer than which there are none in existence. It would take ten times the space we can devote to this article to describe the beauty of this strain. The color combinations in these flowers are simply superb, such a wealth of rich maroon, crimson, scarlet, magenta, and claret shades, marbled and mottled, streaked, spotted and splashed with white, cream, pink and rose. The flowers are much larger than those of the old fashioned kind, and in nearly all of them the petals overlap each other so as to make perfect flowers. These climbing Nasturtiums are admirably adapted to covering verandas, trellises, fences, and tree trunks, and by virtue of their long stems and the lasting quality of their flowers are most useful and handsome cut flowers for bouquets, vases, button-holes, etc.

Price, per large pkt., 10c.; oz., 15c.; 2 ozs., 25c.; ¼ lb., 45c.; lb., $1.35.

☞ For cheaper mixtures of Nasturtiums as well as all separate colors, see page in alphabetical list of Flower Seeds in this catalogue.

VAUGHAN'S SPECIAL MIXTURE OF Dwarf Nasturtiums.

761 Dwarf Nasturtiums are most admirably adapted to beds and borders in every garden. Their low, neat, even, bush-like growth, the abundance of their flowers in their endless variety of colors, their long season of bloom—from June until late in the fall—and the little care that they require, make them really the "busy man's flower."

"Vaughan's Special Mixture" of Dwarf Nasturtiums will give a larger variety of colors in even proportions than any other Nasturtium Mixture, for it is put up by ourselves *from named sorts*, and also contains a large share of the new *Lilliput Nasturtium* which is in the Dwarf Collection what the Mad. Gunther is in the Tall, the richest and most varied combination of colors ever produced, showing odd colors hitherto unknown among flowers.

Price, per large pkt., 10c.; oz., 15c.; 2 oz., 25c.; ¼ lb., 50c.; lb., $1.50.

Vaughan's International Pansies.

BETTER AND MORE COMPLETE THAN EVER.

800 During our trip to Europe this summer our customers may be sure that every Pansy Grower who could make any claim to a specialty of these flowers was seen and his seed growing beds inspected. We were fortunate in finding four or five sources new to us—growers who spare no pains to further improve their almost perfect types. We secured several entirely new colors in the Giant class, and some improved strains of the Giant three and five blotched Cassier-Bugnot form, also some exceedingly beautiful and showy beds of *Scarlet Pansies*. All of these novelties, together with the best of the former colors and types of the Giant Pansies, will be found in *Vaughan's International Pansy Mixture.*

For nine years we have sold this mixture, following the practice of adding the latest and best novelties every season, and our customers have found in it the most complete variety possible to secure. We know that it is now *more extensively planted than any other Pansy Mixture* in the United States.

Vaughan's International Pansy Mixture was given the only award for mixed Pansies at the World's Fair. *It is today better and more complete than ever*

Price, Pkt. (250 seeds), **25c.; 3 pkts** (750 seeds), **60c.; 5 pkts., $1.00.**

SPECIAL OFFER NO. 110. One pkt. each of Vaughan's Special Mixture of Climbing and Dwarf Nasturtiums Vaughan's Poppy Mixture and Vaughan's International Pansies, the 4 for 45 cents.

SPECIAL OFFER NO. 111.—Two pkts. each of above 4 specialties for 75c.

☞ For other Pansies, both separate colors and in mixtures, see alphabetical list of Flower Seeds in this catalogue, also Novelty pages.

THE SAME TIME, money and ground is needed to raise a crop of poor vegetables and flowers as to raise the finest. Nature reproduces, be sure then that you give her the true foundation.

OUR LOCATION, East and West, Chicago and New York, covers the country for quick, direct freight or express shipments at lowest rates, or for prompt mail service.

"GARDENING is an employment for which no man is too high or too low," and to the amateur as a recreation, and relief for the tired worker in other pursuits, its value can hardly be over estimated.

The Prices of Our Seeds, will be found low. Our customers always have been, and are large buyers—Market Gardeners and Florists—who not only must have exactly the right kinds and qualities, but also the right prices; therefore our growing contracts are made on that basis; our seeds are produced by careful, conscientious growers who **know how,** and do grow seeds at closest cost.

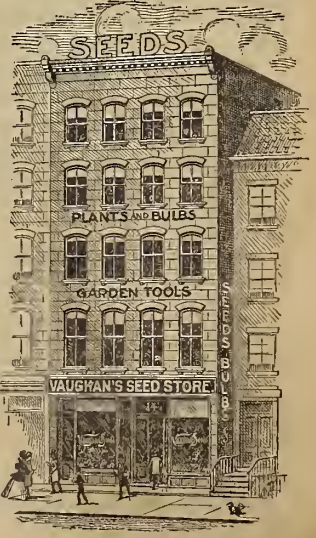
Our Vegetable Seeds, largely used by Gardeners around Chicago and in the largest trucking districts East and South, meet the competition of seeds from all sources—and meet them successfully. We supply seeds that grow and that will produce a satisfactory crop.

Our Flower Seeds are the grade known as **"Florists' Flower Seeds"** and that means, of the past season's growth and in bulk lots, by the ounce and pound at quantity rates. We offer those bulk rates to you on many items in the very attractive flower seed pages of this book, and we give you 3 cent packet rates and 7 cent ounce rates on many kinds—all of the same high quality please remember—and in the same liberally filled packets.

The Greenhouse Department. (50,000 feet of glass). Here we do not strive to mail the smallest plant for the least money, but grow our young plants until they are large enough to have some value to the buyer, and aim to give extra good value in our "Express Plauts"—"larger sizes for immediate effect." Read our pages of Roses, Carnations, Climbers, Shrubs and you will find they contain the class of plants which impatient flower growers like to begin with—those which promise early results.

Farm Seeds, Garden Tools, New Varieties of Seed Corn, Grasses, Forage Plants of real merit—Garden Tools at prepaid prices, and in general the largest variety carried by any Seed House in the World, and every item at close prices.

Good Seed Crops of high quality at low prices give us a foundation for 1898 business which you will find reflected in these pages. Read them carefully, note our liberal offers and send us your order.



OUR NEW YORK STORE.

PLEASE READ THE FOLLOWING CAREFULLY.

HOW TO ORDER.—We do not send Seeds, Plants, Bulbs or Potatoes C. O. D. Write your Name, Post Office, State and your Express Office plainly, with black ink, on every order and every time you write to us. Give plain shipping directions; where none are given we use our best judgment, but it must be at your expense and risk.

VERY IMPORTANT.—We aim to fill your orders immediately, and you can greatly aid us in making them out on our Order Sheet, as follows:

1. Place the quantity wanted before each article.
2. Use one line for each kind ordered.
3. As nearly as possible, make your list in the same order in which the seeds are catalogued, beginning at the front.
4. Kindly use special order sheet for plant orders.

WARRANTY.—We test all Seeds before sending them out, but in case they fail to grow when tested by purchaser, we will replace them or give value in others, but can in no manner warrant the crop nor be responsible for other failures. We will not be responsible for failure of Grass Seeds or unsuccessful flowering of Bulbs or Roots.

HOW TO PAY.—Send cash with order, as we do not open book accounts for small amounts, and can only send to the value of money received, by New York or Chicago Draft, Registered Letter, Money Order or Cash by Express, in any of these ways at our risk. Postage stamps are taken as cash. Registered letters are generally very safe, and you can send that way from any post-office and get your receipt by return mail, by which you know it has reached us.

COST OF REMITTING.—Our customers may select additional Seeds Free, with every order of $1.00 or more, to the amount of the cost of remittance.

PROMPT DELIVERY.—If Seeds are not received in a reasonable time, send exact copy of order, date sent, stating kind of remittance, and the same will be investigated.

ERRORS.—If stock is not as expected compare with order, read catalogue rules carefully and if we are in the wrong; write us at once, giving all particulars as in paragraph above, but do not complain to others until you have given us a chance to explain or rectify. Do not return goods until you hear from us.

NEW YORK
14 Barclay Street. **VAUGHAN'S SEED STORE.** CHICAGO,
84 & 86 Randolph Street.

VAUGHAN'S VEGETABLE SEED NOVELTIES AND SPECIALTIES FOR 1898.

ROGER'S NEW LIMA WAX BEAN.

A First-Class Novelty.

One of Merit, and a Most Desirable Acquisition as a Snap Bean.

Named Lima Wax, as it has bright, glossy foliage, and the bloom resembles the Dwarf Lima. The pods are very broad and flat and of most excellent rich quality. The plant is branching and vigorous, with an immense amount of foliage, pods are borne in the greatest profusion, often a single plant having 50 or more pods. The pods form in clusters and sink beneath the dense foliage, which shield them from light showers, heavy dews and hot sun, which is a protection against their spotting or rusting and becoming soiled as compared with other sorts. They require thin planting (two beans being sufficient for a hill) on very rich soil, and will run true and not sport. The pods are the broadest of all wax bush beans, color transparent, glossy lemon wax, having the yellow waxy appearance very soon after the pods are formed. When picked will retain their bright, attractive appearance for a long time and not become tough. Quality very tender, juicy, and flavor delicate, delicious. Seed small, oval, pure white, which is much in their favor compared with a colored bean. We claim for this variety four essential points: (1) Productiveness. (2) Handsome color and tender pods. (3) Delicious flavor. (4) White seeded and will make an excellent dry bean for baking.

PRICE: By mail, postage included, per pkt., 10c.; ½ pint, 15c.; pt., 28c.; qt., 50c. By express, large pkt., 10c.; ½ pint, 12c.; pt., 20c.; qt., 35c.; ½ peck, $1.00.

ROGER'S NEW LIMA WAX BEAN.

RED POLAND CABBAGE.

A very hardy and distinct new sort. The heads are very hard, of deepest blood-red, excellent quality and a splendid keeper. The heads are of medium size, borne on very short stalks, have few outer leaves, which are crumpled at the edges, and the plants can be set close together. **Pkt., 10c.; oz., 30c.**

EARLY SPRING CABBAGE.

As Early as the Wakefield and One-Third More Productive.

This new Cabbage has been grown by a number of the progressive gardeners around Chicago, and it has given entire satisfaction. It is of the type of the Early "Allhead," resembling it in habit of growth, but is smaller and **as early as the Wakefield.** The heads have few outside leaves and these are small and grow so close to the head that they can be planted very close together. It is very uniform, round in shape, slightly flattened, very solid, even before the Cabbages attain their mature size. The flavor is excellent. On account of its shape, productiveness and solidity, it will prove a serious rival to the Wakefield, hitherto the most profitable and best early Cabbage. Gardeners cannot afford to be without this as it will be a good "seller", round Cabbages receiving always the preference if offered in competition with pointed heads, while its compact form and good quality will commend it for the private garden. Our seed, being grown from introducers' stock, can be thoroughly relied upon.

PRICE: Per lb., $4.00; per ¼ lb., $1.20; oz., 40c.; ½ oz., 25c; pkt., 10c.

LUPTON CABBAGE.

EARLY SPRING CABBAGE.

THE EARLY ARLINGTON BEET.

The Earliest Beet Known.

This is by far *the best early* market Beet we have. It is very early, of fine Turnip shape, smooth with small tap-root, foliage small and dark red; *flesh deep blood-red* and of very fine flavor. Compared with Crosby's Egyptian it is fully as early, of better shape and color and of better appearance. A very large local grower shipped June 11th, the first lot to the Chicago market last year (from seed sown in April.) It is *the best for bunching* and to ship in barrels. Our seed of this is American grown from the most perfect roots only. It is the most desirable sort for the gardener and for the home garden.

PRICE: Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c., postpaid. By express, 5 lbs., $3.00.

New Dirigo Beet.

This is a new candidate for public favor for an extra early market Beet. It is as early as Crosby's Egyptian and of better shape, while its tops are not any larger. It is of good, blood-red color and gardeners should sow it alongside the Crosbys for they surely want the very best early Beet there is.

Per lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

THE LUPTON.

A New Winter Cabbage.

This variety originated with one of the largest Cabbage seed growers of Long Island, whose name it bears, and we recommend it for the following points: The heads are particularly large in proportion to the plant, which is a strong grower, but does not spread out much. The stalk is rather short and color is a rich green; it is *one of the best keepers* and comes out in the Spring bright and fresh. It is more uniform and heads better than other late varieties and is a little earlier than the Flat Dutch varieties. Our seed is grown by the originator and will produce Cabbage of the highest type that can be obtained from this new sort.

PRICE: Per lb., $2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Egg Plant.

Louisiana Purple Improved.

This has come into our hands from a successful Florida trucker, whose Egg Plant crop has been sold in Northern markets at highest prices when the average crop was almost unsalable. We have been looking for a strain of this kind which would not sun-scald or rot in extremely hot weather in Florida, and this selected variety fills the requirement. We find in growing the plants for seed purposes that a larger proportion of the first settings of fruit is of ideal form and size. It is very prolific and the bush a vigorous grower. The fruit is borne high up on the stalk, which is not as dwarf as the New York Purple, and better protected from the sun by foliage. In form it is somewhat longer than New York Purple, but of the same color and gloss; a remarkably good shipper.

PRICE; Per lb., $4.00; per ¼ lb., $1.10; oz., 35c.; ½ oz., 20c.; pkt., 10c.

PHOTOGRAPH OF VAUGHAN'S DANISH SNOWBALL CAULIFLOWER.

Vaughan's Danish Snowball Cauliflower.

EVERY day gained in earliness of maturity, when added to high quality, **means dollars in the purse.** There is the man who gardens for fun and he who gardens for gain, we have testimonials from both—but have based our statements on the reports of the man who is in the race **for the dollars to be won** by actual sales in the market. When we look over our sales record and note that three-fourths of our orders for Danish Snowball Cauliflower seed come from the most successful gardeners and truckers of the country, we feel stronger in making our claim and want the whole planting world to know of and get the benefit of this choice variety, which we have tested and our most critical customers have passed judgement upon. This variety is conceded by the most expert growers to be the best form of Cauliflower for reliability of heading, earliness, good size and solidity of head. **Don't put an incumbrance on your farm** by planting uncertain, late and possibly mixed varieties of seed.

Lb., $30.00; ¼ lb., $8.00; 2 ozs., $4.25; oz., $2.25; ¼ oz., 65c., pkt., 20c.; 3 pkts. for 50c.

English Frame Cucumbers.

THESE should be grown more extensively, for they are certainly a very profitable crop, bringing always high prices and can be grown and marketed at a time when gardeners have but little else to do.

VAUGHAN'S PROLIFIC FORCING CUCUMBER

It is early, robust and produces a great abundance of short necked fruit in clusters, two or three at a joint. They have but few spines; color a fine, rich green; length 10 to 14 inches and holding the same uniform thickness from end to end; a good sort for early Spring and Summer sales; first-class for market. Pkt., (35 seeds) 20c.; 3 for 50c.

The Rustler. — A very handsome and prolific sort, bearing an abundance of Cucumbers, about 18 inches long, of a light green color, dotted with white spines. Pkt., (40 seeds) 10c.

Rollison's Telegraph.—Grows to a length of 20 inches; skin very deep green, white-spined; of even thickness. Pkt., (25 seeds) 10c.

Noa's Forcing. — Fruit pale green; long; very prolific; one of the best. Pkt., (25 seeds) 15c.

Special Offer No. 20.—1 pkt. each of above 4 Frame Cucumbers, 45c.

Long Island Mammoth Dill.—Larger in every way than the ordinary Dill. Pkt., 5c.

New Celery, Earliest Self-Blanching

It resembles the White Plume in appearance and self-blanching qualities, but *is much earlier*. The White Plume has heretofore been the earliest known. Gardeners who realize the advantage of extra earliness will find it to their advantage to give this sort a trial.

1 pkt. FREE with every order for Vegetable seeds, if requested on order.

Cucumber, "THE EMERALD."

This beautiful new seedling of the White Spine produces long, straight, handsome Cucumbers having most desirable qualities. The young fruit is dark green and makes excellent pickles and is also fine for slicing when matured. It is one of the best for shipping on account of its uniformity and because it holds its deep green color so much longer than other sorts. It is also one of the best for forcing under glass and is equal to the best English Frame varieties in form and color. Lb., $1.25; ¼ lb., 40c.; oz., 15c.; pkt., 10c.

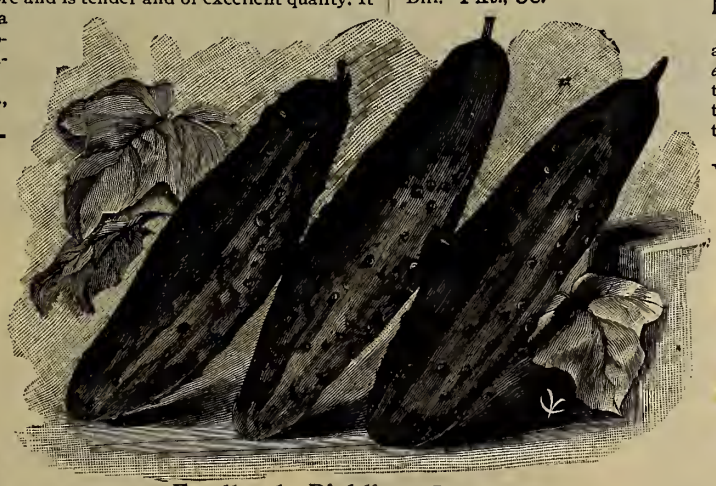
"NEW YORK MARKET" CARROT.

A half-long Carrot, resembling Half-Long Danvers, except that it tapers more suddenly. It has hardly any core and is tender and of excellent quality. It is of very attractive appearance; a bright orange color; very heavy cropper. A very good variety for bunching and for the home garden.

Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

Vaughan's Select Danver's Carrot.—See page 9.

NEW YORK MARKET CARROT.



Fordhook Pickling Cucumber.

An extremely prolific variety that continues setting its fruits long after such sorts as Green Cluster, Early Frame, New Everbearing, etc. have ceased to bear. So strong of growth is it, it produces longer vines and more Cucumbers than any of its fellows. The thinness of skin, their uniformity of size and shape, the crispness and tenderness of the flesh, taken with its free-bearing habit, render it the foremost pickle Cucumber. Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

EVAN'S TRIUMPH CELERY,

One of the Best Late Sorts.

Of excellent quality and one of the best keepers, remaining in condition much longer than most sorts. Its stalks are very large, solid, of finest texture and quality; crisp and tender and real nut-like flavor. Lb., $3.00; ¼ lb., 85c.; 2 ozs., 50c.; oz., 30c.; pkt., 5c.

Early Evergreen Sweet Corn, or Old Colony.—The best late Sweet Corn; 10 days earlier than Stowell's Evergreen; better quality. See page 11 for low prices.

EVAN'S TRIUMPH CELERY.

Mammoth White Cory Sweet Corn.

A great deal of thought and labor has been devoted to the improvement of Sweet Corn and we are pleased to be able to offer such a real improvement as this Mammoth White Cory.

As early as the earliest, and no Extra Early Sweet Corn will compare with it in size.

The ears are 12-rowed, fully twice the size of the old Cory, white-cobbed and covered with very large, white grains of good quality. No other Sweet Corn will find ready sale in a market which is supplied with Mammoth White Cory and the gardener who wishes to get the cream of the trade should make his plantings of this splendid variety.

AS A FIRST EARLY IT IS EXTRA EARLY, Nothing Earlier. QUALITY, Nothing Better. LARGE, Nothing Larger.

Pkt., 10c.; pint, 20c.; quart, 40c., postpaid. By express, at buyer's expense, quart, 30c.; ½ peck, 75c.

BRANDENBURG CABBAGE.

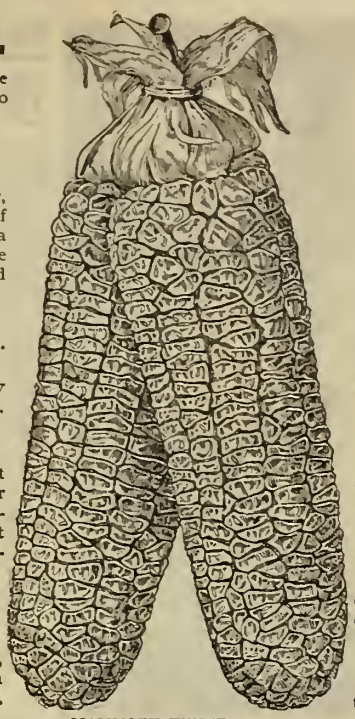
A medium early Cabbage, with very large, heavy, almost ball-shaped heads. Very fine and tender leaf; splendid for market and sauerkraut. About four weeks earlier than Brunswick. Its fine flavor is one of its many qualities. It might be called a dry weather Cabbage and was away ahead of Brunswick in the forming of heads the past dry Summer.

¼ lb., $1.00; oz., 30c.; ½ oz., 20c.; pkt., 10c.

THE TREBON ONION.

This is rather an oblong Onion; a little longer than broad, and is a kind of emerald-green yellow, or copper color. It is a good, healthy-looking Onion and is quite unlike any other.

Pkt., 10c.; 3 pkts. for 20c.



MAMMOTH WHITE CORY.

Kendel's Early Giant Sweet Corn.

The ears measure 8 to 10 inches long and have 10 to 18 rows on each cob, the majority having 12 rows; kernels pure white, sweet and tender. It comes into use with the standard early sorts, with ears twice as large as Early Crosby and Minnesota. It is much superior to Champion in yield and quality.

Pkt., 10c.; 3 pkts. for 25c.; pint, 20c.; quart, 35c., postpaid. By express, at buyer's expense, pint, 15c.; quart, 25c.; ½ peck, 60c.; peck, $1.00.

ZIG-ZAG Evergreen Sweet Corn.

This is one of the sweetest and best late Sweet Corns, not excepting Country Gentleman. The ears are as large as those of the Evergreen, but the kernels are placed irregularly, or zig-zag upon the cob, which is always an indication of great sweetness in any variety of sugar corn. Per bush., $2.25; peck, 65c.; ½ peck, 45c.; quart, 15c.; pint, 10c.; pkt., 5c., by freight or express. If wanted by mail, add 5c. per pint and 10c. per quart for postage.

CUCUMBER, White Pearl.

The Cucumbers are set very closely around the stem and mature early and bear freely throughout the season. They are remarkably uniform, the skin is very smooth, almost free from spines and pearly white. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c., postpaid. See page 1 for discounts.

CUCUMBER, Albino.

The best white-skinned sort. The flesh is clear white, crisp and tender and of good flavor. Lb., 65c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

KOHLRABI, Vaughan's Earliest.

This is by far the earliest white Kohlrabi, it is earlier than the short-top Erfurt. The leaves are very short, the bulbs round and smooth; of excellent quality. Pkt., 10c.; oz., 20c.

California Cream Butter Lettuce

This is one of the best of the Summer varieties of Head Lettuce. The heads are of good size and are so very solid they often have to be cut before the seed stalk can appear. Center cream-yellow leaves of the head are enclosed with outer ones marked with small, brown spots. They are crisp, have a rich, buttery flavor and are an ornament to the table. Pkt., 5c.; oz., 10c.; ¼ lb., 30c; lb., $1.00.

Thick Head Yellow Lettuce.

As its name indicates, this new Lettuce grows a remarkably solid head, much like a Cabbage. It defies rain and bad weather, therefore is a sure grower as well as a rapid one. This quick growth gives exceeding tenderness and fresh, good flavor to its pretty, light green leaves. Pkt., 10c.; oz., 20c.; ¼ lb., 60c

"PAUL ROSE" MUSK MELON.

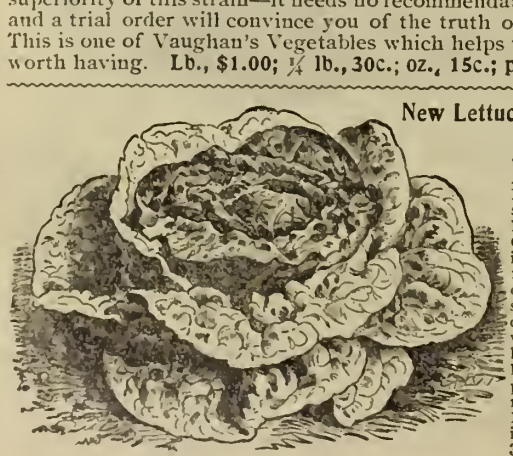
Also marketed under the name "Petosky."

The best shipping Melon on the market to-day. See back cover for illustration, prices, etc.

Vaughan's Improved Arlington White Spine Cucumber.

This is, without exception, the most profitable Cucumber for trucker's cultivation. It is, beyond question, the earliest, most shapely and productive variety of this type; of a rich, green color throughout its entire length, very straight and symmetrical. We have improved this variety since it came into our hands—we have constantly endeavored to merit our patronage by maintaining the superiority of this strain—it needs no recommendation where known and a trial order will convince you of the truth of this statement. This is one of Vaughan's Vegetables which helps to make a garden worth having. **Lb., $1.00; ¼ lb., 30c.; oz., 15c.; pkt., 10c.**

New Lettuce, "All Seasons."



Without a doubt this is one of the best All-Head Lettuces. It forms a very large, solid head, almost as large as a Flat Dutch Cabbage; the flavor is excellent; the inner leaves very tender; slow to go to seed. The heads are of enormous size, very handsome; the leaves a beautiful light green; a very profitable sort for market gardeners. For early or late sowing. Pkt., 10c.; 3 for 25c.

New Early Pea, "ECLIPSE."

This new Pea has been named "ECLIPSE" for the simple reason that it eclipses the celebrated American Wonder, Alaska, Rural New Yorker or any known Pea in point of earliness. This is a strong statement, but has been verified for the past four seasons. As to productiveness—in 1894, three pounds yielded sixty pounds—receiving garden culture. In 1895 three pounds were again planted in garden, forty-five pounds being the result; the balance, being fifty-seven pounds, was planted in open ground, receiving ordinary field culture, realizing six hundred pounds. These were badly damaged by Spring frosts, followed by severe drouth. With Excelsior, American Wonder and other Earlies running less than four fold in the same district and with the same culture, "Eclipse" harvested over ten fold. Vine 2 feet; vigorous; seed green, wrinkled; smaller than American Wonder; most delicious flavor, pods true American Wonder in shape and size.

Pkt., 10c.; ½ pint., 15c.; pint, 30c.; quart, 55c., postpaid; if by express, 15c. per quart less.

VAUGHAN'S SELECTED

TRUE JENNY LIND Musk Melon.

THE INCREASED INQUIRY FOR MEDIUM SIZED MELONS has induced an improvement in the Jenny Lind and we have been offering for the past five years an excellent strain of this, which retains the best qualities of the old type and possesses the advantage of better netting, a firmer rind and more uniform shape. Our selection of seed in the season of 1897 was especially critical and taken from the most uniform crop we have ever seen growing. Our illustration shows specimens just as the crop appeared by the acre, and its distinct appearance renders it THE MOST ATTRACTIVE FORM OF JENNY LIND WE HAVE EVER OFFERED. It is unexcelled in eating qualities. The rind is thicker on the ends than in the old variety, so that it does not "break down" easily in shipping, and yet it retains the flattened ends distinctive of the old type, which by many growers is considered as giving good appearance and also permits compact placing in baskets or crates. No melon grower will go wrong in planting a part, or all of his crop, with this highly improved strain of True Jenny Lind.

Lb., 90c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

WHITE SUMMER CROOKNECK SQUASH.

We do not know of a variety of recent introduction of more distinct and decided merit than this. In size and shape it is similar to the old Summer Crookneck, but averages a little larger. **The skin is a very beautiful ivory-white color.** It makes one of the most attractive aud beautiful of Summer vegetables. Its beauty is not its only merit, for it is **the most tender and best flavored of Summer Squashes.**

Lb., 75c.; ¼ lb., 25c., oz., 10c.; pkt., 5c.

SQUASH, MAMMOTH WHALE.

The size of this variety fully indorses its name. It is often three feet long and attains sometimes the weight of one hundred pounds or more. The fruit is long, thick, of an ashy-gray color and tapers toward the ends. The flesh is solid, of a beautiful orange-yellow color and of excellent quality. It has also the advantage of being a good keeper. Pkt., 10c.; 2 pkts. for 15c.; oz., 30c.

MIGNONETTE LETTUCE. A small, russet-colored Lettuce, measuring only seven inches in diameter, with few outer leaves. The heads are **more solid and compact** than those of any other sort. The heart is very solid, of a pretty cream-yellow color. It is one of the best sorts to resist heat and drouth and is ready for use only a few days after Boston Market, Lb., $1,50; ¼ lb., 45c.; oz, 15c.; pkt., 5c.

THE EARLY CRACKER ONION.

NEW CANNON BALL MUSK MELON.

A remarkably uniform Melon, perfectly round; of medium size and very heavily netted. The flesh is very thick, leaving only a small seed cavity, green, solid and of very good quality. It is an excellent shipper to distant points.

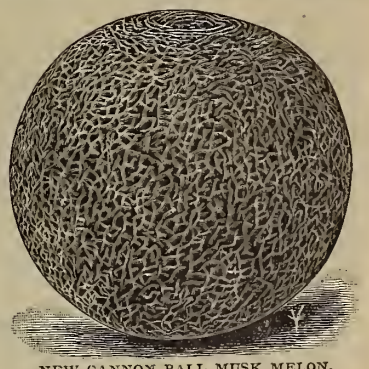
Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c

THE EARLY CRACKER ONION.

It is the earliest of all our yellow sorts, of superior quality and, like the Early Flat Red, is an excellent kind to raise where the seasons are short and often profitable to the market gardener who brings the first ripe Onions to market. Lb., $1.25; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

TABASCO PEPPER.

The Tabasco Sauce has a national reputation for flavoring soup, oysters, meat, etc. The plants develop into large bushes, bearing profusely the little bright red Peppers in sprays. A mature Pepper measures about one inch in length. These are *extremely hot and fiery in flavor.* Pkt., 10c.



NEW CANNON BALL MUSK MELON.

NEW TRIUMPH WATER MELON.

It is a cross between Duke Jones and Kolb's Gem. It has the handsome appearance of the former and the shipping qualities of the Gem, *very early*, very prolific, deliciously sweet and of enormous size. It possesses all of the qualities that go to make up a desirable Melon. Lb., $1.; ¼ lb., 30c.; oz., 15c.; pkt., 10c., postpaid.

Improved Yellow Top Onion Sets.

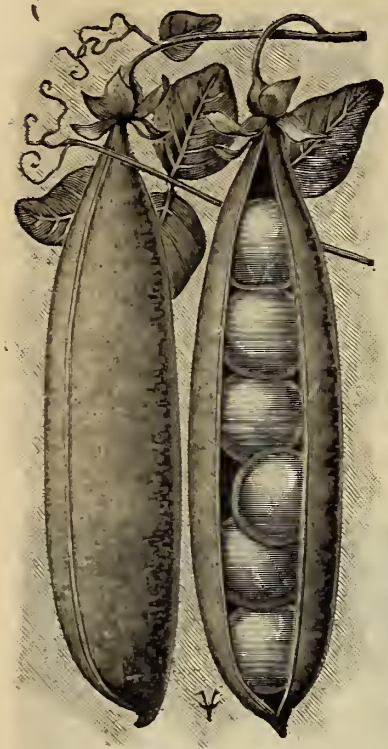
A vast improvement on the ordinary Top Sets, being larger and much more prolific. They are of excellent quality and splendid keepers. One of our customers in Wisconsin who has grown the genuine old-fashioned yellow-top sets for many years observed a tendency in them to variation, or sporting, and acting on this he has made careful selection of the best. These are of handsome color, good shape, large, good keepers, retaining their plumpness through the season and produce quickly young Onions of fine flavor which, if allowed to grow on, mature a handsome yellow Onion of best table quality. We know of no better general purpose variety of this class for the home garden. Bush., $4.00; peck, $1.25; ½ peck, 70c., by express, at buyer's expense. By mail, postpaid, quart, 35c; pint, 20c.

New Red, or Golden Hubbard Squash.

A perfect type of the Green Hubbard, except in color, which is a bright, deep orange-yellow, very showy and attractive. Flesh deep golden-yellow, much richer in color than Hubbard, fine grained, cooks very dry and is of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it far excels the old variety.

¼ lb., 65c.; oz., 20c., pkt., 10c.

IMPROVED YELLOW TOP ONION SETS.



VAUGHAN'S SWEET MARKET PEA.

Vaughan's Sweet Market Pea.

The Best and Sweetest of All Second Earlies.

Smith Bros., of Brown Co., Wis., who sent out this Pea, write us:

"IN earliness, when planted with the first early varieties, 'First of All' and 'Alaska,' it follows immediately, being ready to pick for the table as soon as the early ones are gone and continuing to bear longer than most of the other varieties. The vines are vigorous in habit of growth, branching freely at the root, growing 2 to 2½ feet high and have a very robust appearance generally. In productiveness it is not lacking, as it has been tested at the side of nearly all the standard sorts and found in the lead. We have found in a number of cases, by actual count, from 70 to 85 pods on a single plant and in a great many cases more than 50 on one plant. In table quality it does not follow—it leads. The only adverse critisism we have received is, in one or two cases, it was reported 'too sweet.' We are free to say that in quality it is simply superb which, for the home garden and home market is of the greatest importance, while in the shipping trade the orders are frequently annotated, 'Send us SWEET Peas.' This fills the bill. The Peas are of very large size, the largest of any second early sorts, if not the largest of any, EARLY OR LATE.. The pods are of medium size, seldom more than six Peas and more commonly four or five to the pod.'

By mail, postage included, pkt., 10c.; pint, 25c.; quart, 45c. By express, at buyer's expense, large pkt., 10c.; pint, 20c.; quart, 30c.; ½ peck, 90c.; peck, $1.60.; ½ bushel, $2.75; bushel, $5.00.

New Dwarf Telephone.

Height under high cultivation, 18 inches. Habit, dwarf, stocky, healthy and vigorous, remarkably uniform in height, with almost no tendency to sport; very productive, plants frequently bearing from 5 to 7 pods. Season, medium, from 5 to 7 days earlier than Stratagem. Pods, long, frequently 5 inches in length, broad, straight, rounded or curved at the end, remarkably well filled, often containing 10 Peas. Color, pale green, thick and of good lasting quality for market purposes. Seed, of largest size, tender and of delicious flavor; when fit for the table, light green. **Price, pkt., 10c.; pint. 5c.; quart, 30c.; ½ peck, 95c.; peck, $1.70; bush., $6.50.**

If by mail, add 8c. per pint or 15c. per quart for postage.

Leafless Forcing Radish.

The extra early forcing Radishes lately introduced are remarkable for the small size of their leaves; they develop their roots in so short a time that the latter are practically in advance of the leaves. The character is still more noticeable in this new variety which, for that reason, we have called it "Leafless" and, in fact, the seed cotyledons, which assume a great development from the start, are the only green parts to be seen on the plants until the bulbs are almost large enough for pulling. Only at that time one or two short leaves are produced; they are rough, deeply crimped. A very early and quite distinct variety, of beautiful bright color.

Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.

THE CINCINNATI MARKET RADISH.

The Cincinnati Market Radish.

The tops of this new Radish are very small and may stand much closer in the rows than Wood's Early Frame or Long Scarlet, without danger of running to seed, They grow straight and smooth and from 6 to 7 inches long. The flesh is very tender, crisp and delicious, never becoming pithy or hollow. The skin is very thin and is of an an attractive, bright scarlet color.

Lb., 70c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Radish, 20-Day Forcing, White Tip.

Here we have the most popular color, with a gain of 7 to 10 days in time over the well-known Scarlet Turnip, White Tip; bright in coloring, handsome shape, holds its quality long before becoming pithy. Profitable for the gardener; desirable for everybody. **Lb., $1.25; ¼ lb., 40c.; oz., 15c.; pkt., 5c.**

"Honor Bright". Tomato.

Different from all other Tomatoes. The longest keeper, hence a good shipper; fruits large, smooth and of excellent quality. Fruit changes from light green to white, then to lemon and finally to a handsome red.

Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.

New Pea "Victory."

This is, without doubt, one of the most productive and valuable of the medium late Peas. It grows to a height of 18 inches, bears large, broad pods containing from 7 to 9 large Peas of the finest quality. It has dark and strong foliage and the blossoms are produced mainly on the top of the vines. When known, this Pea will replace the Telephone and others of its class, as it is much more productive and of far better quality. **Pkt., 10c.; pint, 25c.; quart, 45c., postpaid. By express, at buyer's expense, pint, 15c.; quart, 30c.; peck, $1.50; bushel, $5.50.**

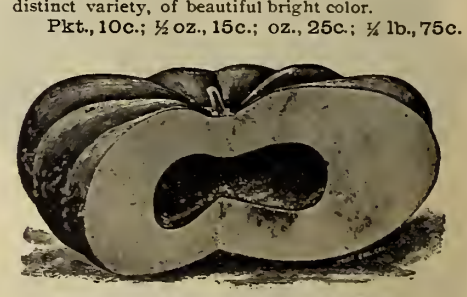
Breadstone Rutabaga.

Of medium size, very quick growing; the roots are perfectly smooth, white, with faint-colored top. The flesh is white, fine grained and cooks very quickly, is very tender and sweet and without strong odor. It is an excellent keeper.

Lb., 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Half Long Black Winter Radish.

An American sort of the same general character as the Long Black Spanish, but by many considered superior to either the Round or the Long Black Spanish. It is intermediate in shape between the two and seems to combine the good qualities of both. **Pkt., 5c ; oz., 10c.; 2 ozs., 15c.; ¼ lb., 25c.; lb., 75c.**



Thanksgiving Pumpkin.

Our illustration shows the distinct shape and the thickness of flesh peculiar to this new Pumpkin. We have had specimens to weigh fifty pounds and only have one and three-fourths ounces of seed in them, the flesh being in some places six inches thick. On account of this extra thickness of flesh the yield in pounds is double that of other kinds, as the fruit is produced in as great abundance, if not more. The flesh is orange in color, of fine grain, sweet and has the delicious Pumpkin flavor essential to the making of first-class Pumpkin pies. The name "Thanksgiving" was suggested by the almost universal custom of having Pumpkin pie at the Thanksgiving dinner.

Per pkt., 10c.

HALF LONG BLACK WINTER RADISH.

VAUGHAN'S FLOWER SEED NOVELTIES AND SPECIALTIES FOR 1898.

For other novelties not listed on these novelty pages see our regular list, 29-56.

Angelonia Grandiflora Alba.

A very graceful greenhouse plant, of aromatic odor, bearing pretty flowers. It makes a beautiful pot-plant and is especially adapted to room and conservatory decoration, being a good winter bloomer It also makes a charming ornament for the table.

Pkt., (100 seeds), **15c.**

NEW BRANCHING ASTERS.

Beautiful Asters for cut-flowers. The flowers are very large, very double, borne on long stiff stems, and the colors are clear and handsome. Wecan furnish them in the following 4 colors. WHITE, PINK, LAVENDER, AND VIOLET.

Pkt., (100 seeds) **10c., one pkt. each of the 4 for 30c. The 4 colors mixed, pkt., 10c.**

Jubilee Aster, See Page 31.

Troy, N. Y.—Last year from two packets of your Branching White Aster, I grew 85 plants, from which I sold over 800 flowers to local florists at $1.00 per hundred to say nothing of what I cut to give away.
W. W. Richardson.

Goshen, Ind.—Your seeds proved all that they were represented. I had some very beautiful colors of Nasturtiums. The Asters were very satisfactory, and the Pansies beautiful in color, were as rich and giant as named. Miss Emma Millington.

Vaughan's Excelsior Mixture of Tall Asters.

For Bedding and Cut-Flowers this mixture is unexcelled.

220 This mixture is made up from the most brilliant, distinct and handsome colors of all varieties of tall-growing Asters of the Victoria, Pæony-Flowered, Crown and Rose-Flowered classes. (See page 31.) IT CONTAINS ALSO ALL THE BEST NOVELTIES, Snowball, Rosalind, The Bride, and the Giant Japanese, Vaughan's Beauty, Giant Comet, Branching, The New Yellow Washington Aster, Lady in White, and furthermore six other colors and strains especial y selected and purchased, which can only be had in this mixture. It is without question the finest mixture in existence This mixture is not only the best but also the cheapest, as it will furnish flowers which, if bought singly, could not be procured for less than 75c. We are positive that it will give entire satisfaction.

Price, pkt., (250 seeds) **15c.; large pkt., 25c.; ⅛ oz., $1.00.**

Vaughan's Excelsior Mixture of Dwarf Asters.

190 Like the Tall, this is a SPECIAL MIXTURE made up of the choicest sorts of Dwarf and Half-Dwarf Asters. It includes besides all the best types of dwarf-growing sorts, many novelties, such as Triumph, Vaughan's Fireball, the beautiful colors of the Comet Aster, and many other choice kinds. It also contains a number of kinds which we especially selected for this mixture. For beds or borders no finer effect could be produced than by sowing this mixture.

Price, pkt., (250 seeds) **15c.; large pkt., 25c.; ⅛ oz., 75c.**

Special Offer. No. 104. **One pkt. each, Excelsior Mixture Tall and Dwarf Asters for 25c.; one large pkt., each, for 40c.**

Toledo, Ohio.—The Asters and Nasturtiums proved a success, and the Asters especially were admired by all my friends as the finest and most beautiful they had ever seen. Mrs. C. S. Wise.

Giant Comet Asters.

NEXT to the Victoria Asters (page 31) we consider these the handsomest of the tall-growing sorts. The plants grow about 18 inches high and on long, stiff stalks bear in great abundance their beautiful flowers. These flowers, with their long, twisted petals, strikingly resemble Japanese Chrysanthemums and are of very large size, larger, in fact, than those of any other Aster, so that, all in all, they are ideal Asters for cut-flowers. Our illustration, a re-production from a photograph, conveys a good idea of their size and handsome shape.

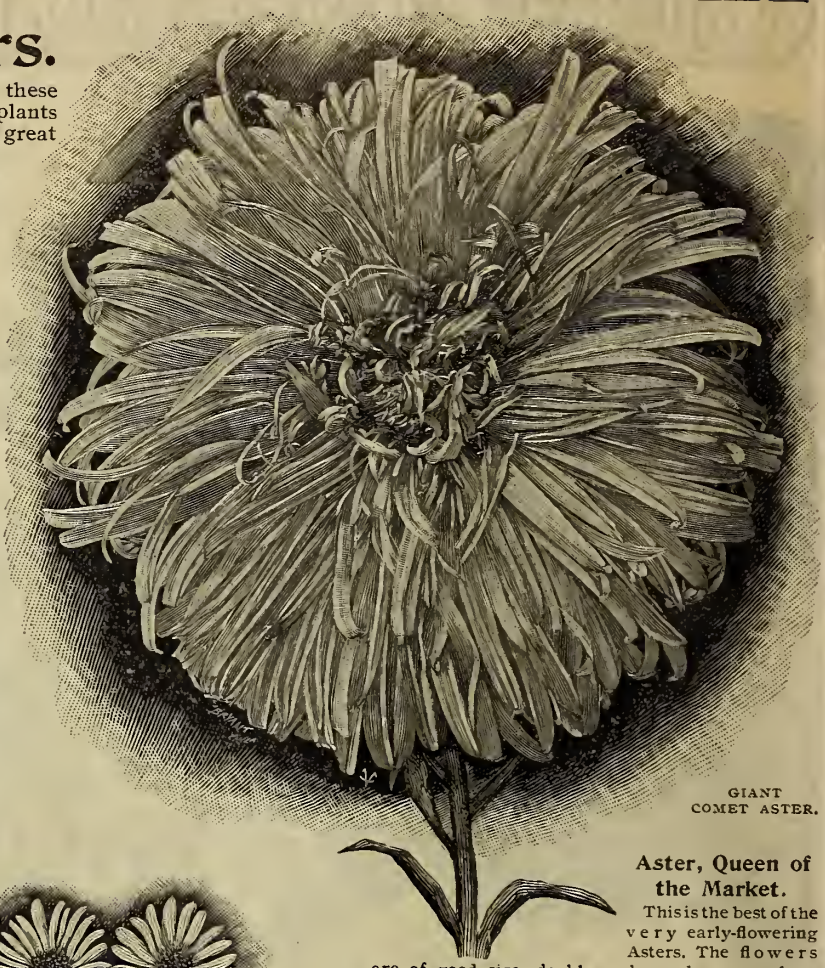
Giant Comet Aster, "Snow-White." — Grand, pure white flowers of immense size. Pkt., 10c.

New Giant Comet Aster, "The Bride."—For elegance of form and delicate coloring, "The Bride" has no equal among Asters. The flowers, at first pure white, change to a lovely pink and finally to a beautiful rose tint; a most charming variety for cut-flowers. Pkt., (75 seeds) 10c.; 3 pkts. for 25c.

Giant Comet Aster, "Yellow."—In habit of growth it is like "The Bride" and its flowers have the same curiously curled and twisted petals that make the Comet Asters so popular. Their color is pale sulphur-yellow. Pkt., (100 seeds) 10c.; 3 for 25c.

Giant Comet Aster, "Pink."—This is, *par excellence*, the pink tall Aster and a larger proportion of its flowers come double than in any of the above sorts. Pkt., 10c.

Giant Comet Asters, Mixed.—Includes the above colors and also red and dark blue. Pkt., 10c.



GIANT COMET ASTER.

Improved Single, or Marguerite Asters.

When first we noticed these single Asters revived aud advertised in foreign catalogues, we could not understand why anyone should want these, when the double flowers are so much handsomer, and therefore decided not to catalogue them. We had in mind the old-fashioned ones, so like the wild Asters, but when, on our European trip last Summer, we saw them growing in large fields, we were converted and convinced that they deserved a place in our list. The plants are about 18 inches high, are vigorous growers and bear on long, wiry stems an abundance of flowers 3 to 4 inches in diameter, resembling Ox-Eyed Daisies. The pink and lavender sorts are particularly handsome. We recommend a trial and are convinced that they will please.

SINGLE ASTERS.—White, Pink, Lavender, Dark Blue and Crimson. Each, per pkt. of 200 seeds, 10c., or 1 pkt. each of the 5 for 35c.

SINGLE ASTERS, Mixed. Pkt., 5c.; ¼ oz., 25c.

SPECIAL OFFER No. 113.
One pkt. each Aster Giant Comet mixed and Single mixed for 15c.

SPECIAL OFFER No. 114.
One pkt. each Asparagus Sprengeri and Plumosus for 15c.

IMPROVED SINGLE, OR MARGUERITE ASTER.

Aster, Queen of the Market.

This is the best of the very early-flowering Asters. The flowers are of good size, double and are borne on long stems. White or Mixed, per pkt., 5c.

Giant-Flowered Cyclamen.

We wish to call special attention to our magnificent strain of this beautiful house plant. For price and description, see page 37.

New Triumph Aster, White.

Whoever wants a dwarf Aster, about 8 inches high that is covered with pure white, ball-shaped flowers, can get none better than this. It is a very beautiful Aster, suitable either for pots or borders. Pkt., 15c.

ASPARAGUS PLUMOSUS.

ASPARAGUS SPRENGERI.

Also called Emerald Feather and Abyssinian Parlor Fern.

NEW. Perhaps the best new plant introduced within ten years. Highly praised everywhere; handsomest seen drooping from a pot or basket Sprays 4 to 6 feet long, of fresh, green, feathery foliage; useful for bouquets, wreaths or sprays, remaining perfect for weeks after cutting. Grows freely the whole year round; extremely valuable for all purposes. Flowers white, followed by red berries. A plant that will please you. Pkt., (10 seeds) 10c.

ASPARAGUS PLUMOSUS.

One of the prettiest house plants. The leaves are bright green, gracefully arched, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. It is admirably adapted to house culture. (See illustration.) Pkt., (5 seeds) 10c.; 25 seeds, 35c.

ASPARAGUS SPRENGERI.

THE JAPANESE IMPERIAL MORNING GLORIES.

Japanese Imperial Morning Glories, Vaughan's Mixture.

THEY ARE UNSURPASSED FOR BEAUTY OF FLOWERS AND FOLIAGE, FREEDOM OF BLOOM, RAPIDITY OF GROWTH.

Their varieties of color are infinite, running from snow-white through all possible shades of blue, and of red from palest pink to darkest reds and purples. They are streaked, mottled, striped, marbled and bordered in wonderful fashion, and sometimes show rare shadings of ash grey, bronze, terra cotta, brown and slate-blue, colors rarely found in any other flowers. The leaves are also very handsome, some are ivy-like, others are heart-shaped, some are rich green, while many are streaked and marbled with white and silvery gray or yellow, others with choicest flowers have rich golden leaves. They will grow 20 feet high by August 1st. Like their hardy brothers, the common Morning Glory, they flower right on from the beginning of summer until overtaken by frost. There is no trick in the soil or cultivation, nor special spot in the garden necessary, as they grow like weeds anywhere in sun or shade, but the seeds germinate a little slower than those of the common Morning Glory.

Price, pkt., (30 seeds) 5c.; ½ oz., 10c.; oz., 15c.; 2 ozs., 25c., ¼ lb., 40c.; lb., $1.50, postpaid.

Vaughan's Mixture of Japanese Morning Glories.

This is a special selection of the choicest colors of the largest flowers, many of them being beautifully frilled and fringed, and it also contains seed of double flowering sorts. This is the best mixture in existence of these attractive climbers.

Pkt., (25 seeds) **10c.; 3 pkts. for 25c.; ½ oz., 35c.**

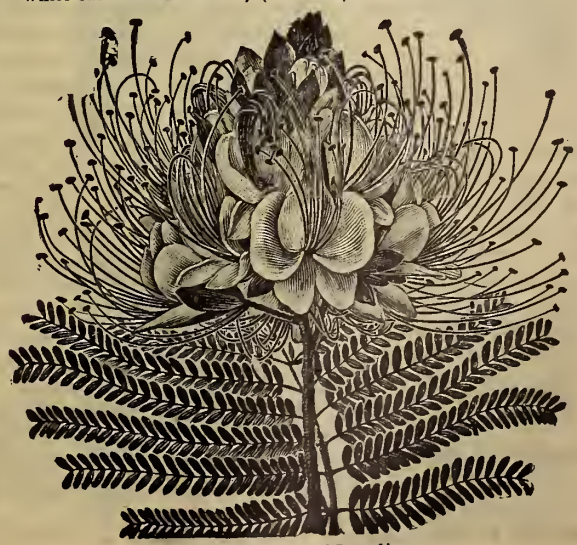
BIRD OF PARADISE.

(*Poinciana Gillesi.*)

The flowers of this rare plant are of a rich golden yellow, measure two and one-half inches across, and are produced in very large trusses. The most attractive part of the flower is the large pistils, which are spread out in fan-like form, and are of a beautiful, bright crimson color. The foliage is highly decorative, similar to a very delicate Acacia. If the seed is started early, it will produce a profusion of blooms the first year. **Pkt.,** (15 seeds) **10c.**

SNOW QUEEN PINK.

This is an extra fine selection of the large-flowering double white Japan Pink, the very best strain we have ever seen. The flowers are extremely large, often three inches in diameter and resemble a white carnation. They are produced in great abundance and are borne on long stiff stems, which combined with their lasting qualities, render them one of the prettiest of white cut flowers. **Pkt.,** (150 seeds) **10c.**



Bird of Paradise.

Vaughan's Early and Late Flowering Forget-Me-Not.

Who does not love a Forget-Me-Not with its dainty blue flowers, so pretty in bouquets and so lasting in water. There is but one disadvantage to their general cultivation, one that most people take exception to, and that lies in the fact that the prettiest varieties do not bloom until the second year unless they are started in the house right after Christmas. This is different with our early and late flowering sort, for it will bloom in six to eight weeks after sowing and will bring forth its lovely blossoms throughout the whole summer and fall and continue through the winter if taken up and potted. The flowers are borne on long, stiff stems, are of most exquisite sky-blue with a delicate white center, and they furnish the prettiest cut flowers one may wish. Forget-me-nots will, like other plants, respond to good treatment but they are satisfied with moisture and a somewhat shaded position. **Price, pkt.,** (150 seeds) **10c.; 3 pkts. for 25c.**

NEW BUTTERFLY CYCLAMEN.

(*Cyclamen Papilio.*)

This is the most unique and beautiful novelty of the year.

It is an absolutely distinct race of this beautiful flower and the type is "fixed." The flowers are as large as those of the Giant-Flowered varieties while they far surpass them in variety and richness of colors. Their peculiar and handsome form however is the most distinctive feature of this new race, and the name Butterfly is, we think most appropriate. Our engraving does not do this beautiful flower justice but it conveys an idea of its handsome shape. We have seen the plants in bloom at the originator's place in Brussels the past summer and can vouch for the beauty and distinct character of this novelty.

Price, per pkt. of 3 seeds, $1.25; 10 seeds, $3.50. This price is net, without discount.

New Butterfly Cyclamen.

NEW GIANT-FLOWERED SNAPDRAGON.

New Giant Flowered Snapdragon.

Antirrhinum Majus Grandiflorum.

The flowers of this new strain are much larger than those of the old type and the plants grow taller, making them excellent for cut-flower purposes, vases, etc. The colors of the flowers are magnificent, both delicate and rich, and considering the ease of culture and the long blooming period of the Snapdragons, we think they should be in every garden.

Pkt., (200 seeds) 5c.

Antirrhinum

QUEEN OF THE NORTH.

In this new sort we have one of the finest and *most beautiful of all Snapdragons.* The plants grow into handsome, regular bushes, 12 inches high, covered with large, white flowers of a deliciously sweet perfume. Suitable for bedding and pot-culture. Pkt., 7c.

NEW DOUBLE WHITE BALSAM "ALBA PERFECTA."

New White Balsam "Alba Perfecta."

A Balsam that will produce large, double white flowers is what seed growers have been seeking for a long time and we know that lovers of this beautilul flower and florists will give the "Alba Perfecta" a warm welcome. Its flowers are extremely double, very large and of the true Camellia-shape, in fact might be called a white Miniature Camellia. Our illustration, being a photograph shows both the doubleness of the flowers and the free blooming habit of the plant.

Pkt., (50 seeds) 15c.; 2 for 25c.

New Dwarf Hybrid Pinks.

Dianthus Laciniatus Nanus.

A most beautiful mixture of Dwarf Pinks with fringed petals. The plants grow in perfect bush form, about 10 inches high and are remarkable for their free-flowering habit. The color of the flowers varies in all shades from white to deep rose and even to purplish-red and all are tinged more or less with bright salmon-red or salmony scarlet and are marked with a dark ring around the center. A really charming plant.

Pkt., (150 seeds) 10c.; 3 pkts. for 25c.

☞ *See page 39 for "Vaughan's Special Mixture of Pinks" and other sorts.*

NEW DWARF HYBRID PINKS.

Special Offer No. 115. One pkt. each Giant Snapdragon, Balsam Alba Perfecta, Early Flowering Cosmos, for 20c.

New Golden-Leaved Euphorbia.

Golden Variegated Mexican Fire Plant.

One of the richest color combinations imaginable. The plants grow from 2 to 3 feet high, form handsome bushes furnished with smooth glossy dark-green leaves, marbled golden yellow, which form a striking contrast to the bright, rosy-red bracts of the flowers. An annual of easy culture.

Pkt., (20 seeds) 20c.; 3 for 50c.

Early Flowering Cosmos.

Grace, daintiness and brilliancy are the characteristics of this pretty flower, with its yellow heart encircled with broad, daisy-like petals, carried on long, slender stems which rise from a cloud of feathery foliage. It is very pretty for vases and lasts often a week in the house when cut. A couple of years ago the Cosmos bloomed with the chrysanthemum, and being rather more tender, often died an untimely death by frost just at its first blossoming, so that it was almost useless to plant it in Northern sections, but since this **Early Flowering** strain has been produced it may now be had in bloom from July to November. It is such a strong, vigorous grower and its fine fringe-like foliage is such a pretty background for its lovely spreading flowers of white, pink, crimson or rosy purple that it can hardly be spared from any garden. It grows with the greatest freedom in any soil, but repays right royally the best care you can give it. It grows so fast you can almost see it and blooms with the greatest freedom; the plants should be set about three feet apart and supported by a strong stake, for they are easily bent by the wind. It is really one of the most satisfactory of annuals.

Price, pkt., (100 seeds) 10c.; 3 pkts. for 25c.; ¼ oz., 40c.

Vaughan's International Pansies.

"Vaughan's Special" Mixtures of Nasturtiums.

There are no better mixtures to be had at any price as thousands of our customers know.

See inside page of Front Cover.

NEW MAMMOTH ALLEGHENY HOLLYHOCK, SHOWING TYPE OF FLOWER.

NEW MAMMOTH FLOWERING ALLEGHENY HOLLYHOCKS.

Blooms the First Year from Seed.

.....A New Type of Hollyhocks.

The flowers of this new variety are so different from the old conventional ones that but for the similar habit of the plant it would not be taken for a Hollyhock. They are from four to six inches in diameter, running from semi-double to double, and so finely fringed and curled that, compared with the old ones, they have the look of a flower from Fairyland. The colors are shell pink, rose and ruby red, a shade or two deeper at the center, and exquisitely tinted toward the edge. The flowers do not, as on the other double Hollyhocks, rot on the stems, but drop as soon as they fade. Every bud to the top of the plant is developed into flowers, making the flowering season considerable longer. The cut gives an idea of these flowers, but does not by far do them justice, as the fine, graceful appearance and peerless shading cannot be reproduced; such colors are found only in silks.

Price, per pkt., 15c.; 3 for 40c.

MIGNONETTE "YELLOW GIANT."

This is by all odds the very best of the golden yellow flowered Mignonettes, the flowers being larger, the spikes thicker, and last but not least, it brings a larger proportion of true plants than other large flowering strains of yellow Mignonette. We secured this seed from the originator and it will not be found in any other American catalogue.

Price, per pkt., 15c.; 2 for 25c.

SOME GOOD NEW GLOXINIAS.

Queen Victoria.—The plants are of robust and compact habit, the leaves small and always healthy, the snow-white flowers stand upright and are freely produced. **Price, per pkt., 35c.**

CYCLOPS.—Coralla brilliant velvety carmine shading lighter towards the broad, pure white border; the throat is finely sprinkled with dark red dots; the flowers are of gigantic size. **Price, per pkt., 35c.**

GOLIATH.—Velvety purple violet corolla, passing towards the pure white border into azure blue; also of enormous size. **Per pkt., 35c.**

SPECIAL OFFER No. 140.

One pkt. each of the above three choice Gloxinias for 90c.

Gloxinia International Mixture, the best strain in existence. **Price, per pkt., 25c.**

SINGLE DAHLIA, GIANT PERFECTION.

The seeds of this new Dahlia have been saved from the largest and broadest petaled flowers only, varying in diameter from 4 to 5 inches. The plants are of very vigorous and branching habit of growth, and produce their immense flowers in great abundance. They are of good, symmetrical form, and in the greatest variety of colors, being self-colors of all the shades found among Dahlias, as well as marbled, striped, flaked, and blotched. If Dahlia seed is sown in March or April, or before, the plants will bloom from August until killed by frost.

Pkt., (50 seeds) **10c.; 3 for 25c.**

NEW FORGET-ME-NOT "WATER NYMPH."

Myosotis palustris semperflorens "Nixenauge."

This is the largest flowering variety of the true Forget-me-not. The very best for cut-flowers. The individual blossoms are very large, of the most charming sky-blue, with a clear yellow eye. They are borne in large clusters and on stems up to 15 inches long. It is just the thing for a moist, shaded situation, where they thrive best. **Pkt.,** (125 seeds) **10c.**

Groff's New Hybrid .....Gladiolus Seed.

When it is generally understood how easy it is to grow Gladioli from seed, every lover of this flower will plant yearly. In the past, seed ordinarily sold offered no inducement, good bulbs can be bought so cheaply. Groff's Hybrid seed has been gathered from the finest collections extant, comprising over 1,000 select varieties of Lemoinei, Childsii, Nanceanus and Gandavensis Hybrids, carefully hybridized by hand, and the pollen used is entirely from European and other novelties. The seed parents are selected for their individual merits only. The seed we offer is undoubtedly an advance in the interest of progressive horticulture. **Pkt.,** (50 seeds) **35c.**

Climbing Nasturtium "VESUVIUS."

This is by far the most brilliant of all the Nasturtiums. The flowers are of very large size, perfectly round, the petals overlapping each other, while the color is the most dazzling fiery rose imaginable. We recommend this novelty,

Price, pkt., 10c.; oz., 20c.

MAMMOTH-FLOWERED HELITROPE.

Mammoth-Flowered Heliotrope.

Blooms from seed the first year, and as easily as Sweet Peas or Balsams.

Heliotropes will bloom as easily from seed as any of the common annuals. Sow the seed in the open ground about the first of May, and the handsome bushes will furnish cut flowers all Summer and Fall. Our packets contain over 100 seeds and include the very best sorts.

Price, pkt., 10c.; 3 for 25c.

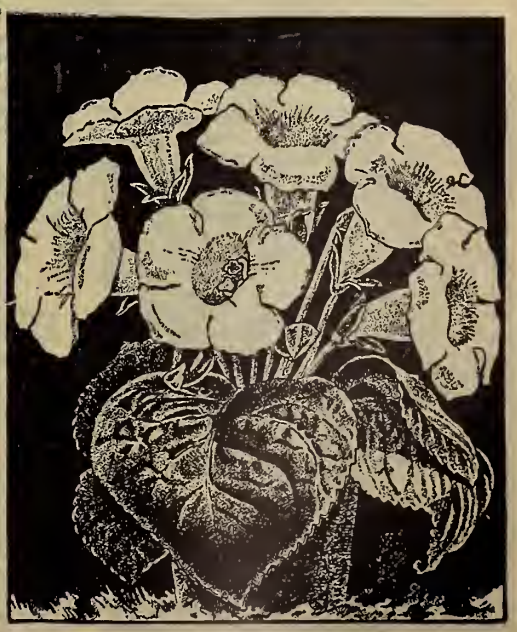
LOBELIA "BEDDING QUEEN."

LOBELIA "BEDDING QUEEN."

Lobelia erinus pumila splendens.

This new variety is undoubtedly the most remarkable and magnificent of the dwarf Lobelias. The habit of the plant is very dwarf and compact, forming handsome little bushes which are entirely covered with large flowers of the deepest purple, contrasting most charmingly with the pure white eye. Its freedom and duration of bloom is remarkable, the flowers lasting until late in the Fall. The best Lobelia for carpet beds, borders and pots.

Price, per pkt., 15c.; 2 for 25c.



GLOXINIA, QUEEN VICTORIA.

VAUGHAN'S..... INTERNATIONAL

CHINESE PRIMROSE MIXTURE.

(For Other Primulas See Page 51.)

The culture of these lovely flowers is much easier than most people think. Every one can have a nice collection of them by following the cultural directions printed on each package. Our mixture includes not only all the choicest colors of the single flowering Primulas in all their dainty shades, but it comprises also seed saved from hybridized flowers and will produce a number of double flowers and the new blue Primula. Our illustration shows a spike of flowers in natural size, and a plant (reproduction from a photograph) showing freedom of bloom and habit of growth.

Price, per pkt., (100 seeds) **15c.; 2 for 25c.**

LARGE-FLOWERING CHINESE PRIMROSE.

Single Chinese Pinks.

These might be described as resembling Giant Sweet Williams, with the exception that the flowers are larger, the variety of colors much greater and **they bloom the first Summer** from seed. These are really very desirable plants. Their culture is the simplest possible; they are showy and handsome, are excellent as cut-flowers and bloom all Summer long. These Single Chinese Pinks are by no means to be counted a novelty, but they are certainly unknown to most of our customers and will prove a revelation to them. Sweet Williams undoubtedly rank among the flower favorites, and a flower that surpasses them in every quality and can be had from seed the first year, will certainly prove a welcome addition to every flower garden. **Pkt.,** (200 seeds) **10c.; 3 for 20c.**

New Giant Margaret Carnation.

Like the Margaret Carnation, the seed of this new strain will bloom in about four months after sowing, and the plants will continue to flower all through the Summer. The flowers are of very large size, measuring three inches or more in diameter; the colors include all the shades of white, pink, crimson and striped. The plants grow upright, requiring hardly any support, and their yield of flowers is wonderful. Our seed is from the originator and can be relied upon to produce largest flowers in an almost endless variety of colors. **Pkt., 15c.**

NEW EVERBLOOMING CARNATION, White.—This is a hybrid of the Countess of Paris Carnation, so well known for its wealth of flowers, more than one hundred flowers having often been counted on a single plant. The flowers are pure white, double and of sweetest fragrance; they are borne on stiff stems about sixteen inches in height. **Price, per pkt.,** (50 seeds) **25c.**

MARGARET CARNATION.

Giant White.—Flowers very large and double, pure white, with only an occasional pink streak; plants short and stocky with stiff stalks. Pkt., 40 seeds, 15c.

PHYSALIS FRANCHETI.

New Yellow Japanese .....Morning Glory.

The flowers of this Japanese Morning Glory are 2½ inches in diameter and of a beautiful, clear sulphur yellow. The foliage is also very pretty, being large and beautifully marbled white.

Pkt, (15 seeds) **10c.; 3 for 25c.**

PHYSALIS FRANCHETI.

CHINESE LANTERN PLANT.

(*Ground Cherry Tomato.*)

A novelty of sterling merit introduced from Japan. It is of striking appearance, producing bright red fruits, which are enclosed in a semi-transparent calyx or leafy capsule, about three inches in length, and from seven to eight inches in circumference, bright orange-scarlet in color when nearing maturity. Should be treated in the same way as Tomatoes, to which it is related, and will make a fine display during the Fall months.

Price, per pkt., 5c.; 4 for 15c.

SINGLE CHINESE PINK.

Types of Mad. Gunther Nasturiums.

NEW CLIMBING NASTURTIUM, MAD. GUNTHER'S HYBRIDS.

For richness and variety of colors these new hybrids have no equals among Nasturtiums. There are shades of rose, salmon, brightest red, pale yellow, either as self colors or spotted and striped. The foliage is mostly dark and contrasts very effectively with the rich colors. They are climbers and free and continuous bloomers.

One of our growers wrote us about them as follows:

"We have no mixture and never had one that can equal the one we are growing for you. We find it quite free from too much orange or yellow coloring, and the field as a whole shows a good variety of colors, and presents a most gorgeous appearance when in full bloom. It would be impossible to describe all the differeut colors, but some of the most striking are as follows: White, shaded carmine on the edges with deep maroon throat, golden yellow, shading brown on the edges; yellow shaded and mottled with carmine; white, with red blotches; shrimp pink, with deep maroon throat; shrimp pink, selfcolor; rose; bright yellow; orange, etc., etc. We certainly find a great many colors in your mixture that we never found in any other—some being impossible to describe."

PRICE: Large pkt., 10c.; oz., 20c.; lb., 55c., lb., $2.00, postpaid.

Belmont, Ohio.—The Primroses and Cyclamen that I raised from the seed which I purchased from you, were magnificent, and the admiration of all who saw them; indeed a great many people came to see them, and a great many of our friends expect to send for seed.

I also wish to speak of Mad. Gunther's Hybrid Nasturtiums; they far surpassed anything I ever saw in Nasturtiums, the colors were beautiful and they were a mass of bloom nearly all Summer and Fall.

Mrs. L. Schooley.

Rock Port, Mo.—The Chinese Primroses I raised from seeds I bought from you last year were the finest I have ever seen. I have a light pink one in bloom now; it has five large bunches on. Then, I have the dark red and white; they are lovely. I also had good luck with the Cyclamen seed. Out of twenty-five seeds, I raised nineteen bulbs.

Mrs. E. L. Smith.

Four Choice New Pansies.

GIANT "ADONIS"—Trimardeau size flower, of good form and substance. Color a magnificent light blue with a white center which sets off the dark blotches on the petals in a most striking manner. Pkt., 15c.

GIANT "FREYA."—Trimardeau size flower, color rich deep purple violet with a broad white margin which shows just as distinctly on the back of the petals and this peculiarity gives a bed of these a very unique and rich appearance not obtained by any other sort. Pkt., 15c.

PRESIDENT CARNOT.—This new sort originated from the Giant Cassier class and possesses the regular, dwarf habits of the same, also its free flowering qualities which render it so well adapted to flowering purposes. The ground color is white and each petal is almost covered with a deep, rich velvety blotch of dark violet blue, leaving a broad white margin. Pkt., 15c.

MAD. PERRET, Giant.—Trimardeau size of flower, of perfect form and best substance; edge of petal is somewhat frilled. The colors are of dark wine, pink and red, beautifully veined and all with a white margin. Pkt., 15c.

SPECIAL OFFER. One pkt. each of above 4 choice Pansies, **50c.**

All the above will also be found in our **"International Pansy Mixture"**—*see inside page of front cover.*

PETUNIA "SNOWBALL."

Petunia "Snowball."

For an everblooming white flower, suitable for beds and borders, we think this new Petunia has few equals. Our illustration, which is a reproduction from a photograph, shows its dwarf, bushy habit and also its abundance of bloom. The flowers are purest snow-white, of good shape and size, sweet-scented and lasting. This plant is eminently adapted to our climate on account of its heat and drouth resisting qualities. We recommend it.

Price, per pkt., (100 seeds) 10c.

New Double Petunia PINK LILLIPUT.

This is a most delightful little plant, about 8 inches high, covered with lovely little flowers, borne freely on its many branches. The color, background is a brilliant rose on which the regular, pure white stripes stand out in bold relief. The seed will yield about 30 per cent. of double flowering plants. Pkt., (50 seeds) 25c.

New Giant Zinnia, QUEEN VICTORIA.

The flowers are pure white, very double and measure 12 inches in circumference. The plants are very vigorous growers and carry their mammoth flowers on long stiff stalks. We consider this sort a valuable addition to the Zinnia family.

Pkt., (40 seeds) 15c.; 2 for 25c.

NEW GIANT CANNA.

Mixture of New Cannas.

The seed we offer under this name has been saved from uew varieties only, such as Chicago, Leonard Vaughan, Yellow Crozy, Chas. Paul, President Carnot and others, and will produce excellent flowers, undoubtedly some that are entirely new. Cannas will **bloom from seed the first year** if sown in February or March.

Pkt,. (10 seeds) 10c.; 3 pkts., (30 seeds) 25c.

LEPTOSYNE STILLMAIN.

One of the loveliest of the California annual wild flowers. Its pretty little bushes are covered with bright golden yellow flowers 1½ in. in diameter, that contrast delightfully with its graceful, finely cut foliage. The seed germinates very quickly, the young plants *being in bloom 5 weeks after sowing*, and continuing in bloom throughout the season. Sow the seed in the open air, in sandy soil and in sunny place.

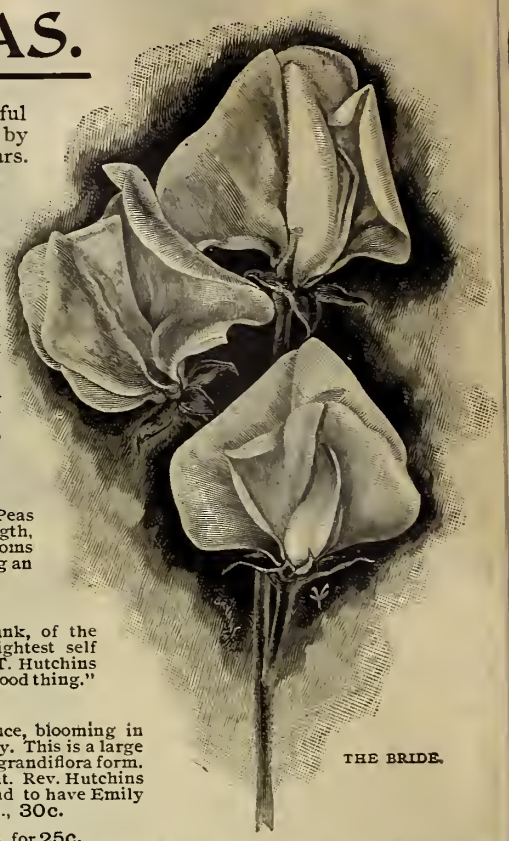
Pkt., (60 seeds) 15c.; 2 for 25c.

NEW EMPEROR

.....SALPIGLOSSIS.

Ease of culture is the first quality that commends the Salpiglossis to all amateur gardeners. It thrives in any good garden soil and in almost any situation, though like other flowers it responds readily to good treatment. This New Emperor strain is a very great improvement on the older type in its increased size of flowers, their improved shape and larger variety of colors, and more than all else in their singularly beautiful veinings of gold. These are the only flowers, to our knowledge, that show a glint of gold in their coloring. This is one of the "good things" among this years novelties. **Pkt.,** (150 seeds) **15c.**

..NEW.. CALIFORNIA SWEET PEAS.



THE BRIDE.

THE BRIDE. This novelty is a beautiful large, white-seeded variety which has been selected by Mr. Lynch, of Menlo Park, for the past four years. It is a pure white selection from Mrs. Eckford and is the strongest germinator among all the white-seeded varieties—so often poor growers. Grown for the cut-flower market of San Francisco in competition with the other high class whites like Blanche Burpee and Emily Henderson, it has brought the highest figures over them all, taking first rank among all the whites. Mr. Lynch claims that it is equal in size and form of any white variety grown, and every seed will grow, an important advantage, as the early plantings always succeed.

The Cornell Bulletin in naming the best Sweet Peas of each color, classes The Bride first as a white, with Emily Henderson second and Blanche Burpee third.

Mr. Lynch says: "The Bride will prove a great white for florists."

Frank Pelicano, a leading florist of San Francisco, stated: "We can sell more Bride Sweet Pea blooms than those of any other variety which we have ever handled."

Prof. Tracy, in a recent review of some of the newer Sweet Peas says: "The especial merit of this variety (The Bride) is in its length, strength and grace of flower stem, and the disposition of the blooms thereon, being one of our best sorts in these respects, and forming an exceedingly graceful bunch."

Price, pkt., (35 seeds) **10c.; ½ oz., 20c.; oz., 30c.**

CALIFORNIA.—This is the best "self color" in soft pink, of the shade of Daybreak Carnation, the lightest self among all Sweet Peas. The form and size are perfect. Rev. W. T. Hutchins says of it: "It is different from all of our other self-pinks and a good thing." **Price, per pkt.,** (35 seeds) **10c.; ½ oz., 20c.; oz., 30c.**

EMILY LYNCH.—It is the earliest Sweet Pea in existence, blooming in advance of Extra Early Blanche Ferry. This is a large flowered form of Duke of York, but larger and of the improved grandiflora form. Wings buff cream and standards bright rosy pink with primrose tint. Rev. Hutchins says: "Since the Duke of York is a failure I for one shall be glad to have Emily Lynch to take its place." **Pkt.,** (35 seeds) **10c.; ½ oz., 20c.; oz., 30c.**

SPECIAL OFFER...

No. 144. One pkt. each of above 3 New Sweet Peas, for **25c.**

No. 145.—½ ounce each of above 3 New Sweet Peas, for **50c.**

No. 146.—One ounce each of above 3 New Sweet Peas, for **75c.**

Maid of Honor.—Beautiful flowers, shaded light blue, on a white ground, and edged violet. Flowers of fine hooded form, three on a stem. **Price, per oz., 15c.; pkt., 5c.**

Golden Gleam.—This is the best of the yellow Sweet Peas; the the flowers are of ideal grandiflora type, very graceful and of pronounced primrose tint. It received first prize at the Hampden County Horticultural Society's meeting in August, 1897, **Price, oz., 20c.; pkt., 10c.**

Shazada.—This is a magnificent advance in the coloring of this flower, being of *deepest indigo black*. The blossom is of the largest grandiflora form and good substance. The seed is very scarce having been introduced for the first time last season by Mr. Eckford, the famous English Sweet Pea specialist. **Price, per pkt.,** (20 seeds) **10c.**

Sweet Peas, AMERICAN SEEDLINGS.—This is a mixture of seedlings not yet named. They are the result of crossing and recrossing the choicest of the new large flowering varieties, and this seed will produce flowers of the largest size, finest form and in an endless variety of colors. We are sure that our customers, especially Sweet Pea "fanciers," will be delighted with the new colors they find in this mixture. **Price, per lb., $1.50; ¼ lb., 45c.; oz., 15c.; pkt, 5c.**

VAUGHAN'S BEST MIXTURE OF SWEET PEAS.—This mixture contains the choicest of our extensive list of Sweet Peas—no common color or small-flowered sort will be included. It contains all the best novelties we list, the American Seedliugs described above and a number of other novelties especially procured for this mixture, and we know that it will give entire satisfaction. **Price, per lb., $1.60; ¼ lb, 55c.; oz., 20c.; pkt., 10c., postpaid.**

NEW DWARF SWEET PEAS.

PINK CUPID. It is not a sport from the original White Cupid, but an actual departure from its parent, the tall Blanche Ferry. In habit and manner of growth it is strictly a Cupid, spreading from the root, from a foot to eighteen inches around, growing from six to eight inches high, and shooting up stems, about six inches long, which bear, in full bloom at once, from *three to four handsome large flowers*, all borne close to the end of the stem.

In regular-size packets (each containg twelve seeds): Per pkt., 25c.; 5 pkts. for $1.00, per dozen pkts., $2.00, postpaid.

In half size packets (each containg twelve seeds): Per pkt., 15c.; 2 pkts., for 25c.; or 10 pkt., for $1.00, postpaid.

WHITE CUPID.—Pkt., 5c.; oz., 15c.; 2 ozs., 25c.; ¼ lb., 45c.; lb., $1.25.

Helpful Suggestions About Flower Beds From Seeds.

Figures following names indicate the pages on which the kinds can be found in this catalogue.

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Surprise Flower Seed Collections.

That we may fill orders promptly in our busy season we put up nearly all our flower seeds into packages in advance, just as soon as the new stocks arrive from our growers, which often leaves us toward the close of the season "long" on a number of sorts. Now, rather than throw them away as has been our usual custom, we will make them up into Surprise Collections, and all customers who avail themselves of our offers will experience a real surprise at the value received. The selection of varieties must be left entirely to us, but we will consider the wishes of our customers if they will indicate to what use the plants are to be put. These Surprise Collections will not be mailed before May 15 though orders will be booked any time before that date.

No. 1 Surprise Collection, will contain 10 or more pkts. of different choice sorts of flower seeds. **Price, 10c.**

No. 2 Surprise Collection, will contain 20 or more pkts. of different choice sorts of flower seeds. **Price, 25c.**

No. 3 Surprise Collection, will contain 40 or more pkts. of different choice sorts of flower seeds. **Price, 50c.**

We guarantee these collections to contain seeds as good as those sold at regular catalogue prices.

ABUTILON SAVITSI.

Abutilon Savitsi.

Very rare and scarce; a novelty of sterling merit; will please the most fastidious. A great improvement on *Souv. de Bonn.* The variegation is very much whiter, the white predominating—more than half of the leaf being white, and, in some cases, a great many leaves being almost pure white. The white is also very clear and pure, and not a yellowish green. It is a very compact grower, and one of the most beautiful variegated plants ever sent out.

Each, 25c.; 5 for $1.00, postpaid.

ORNAMENTAL ASPARAGUS.

Asparagus Sprengeri.—Perhaps the best known plant introduced in years. Especially useful to grow as a pot plant for decorative purposes or for planting in ferneries or suspended baskets. It grows freely the whole year round; as it withstands dry atmosphere it makes an excellent house plant. The plant is a vigorous grower, producing sprays 4 to 5 feet long of fresh, green, feathery foliage. Useful for bouquets, wreaths or sprays; remaining perfect for weeks after cutting. Strong plants, **20c.; 3 for 50c.**

Asparagus Plumosus Nanus.—A beautiful climbing plant with bright green, gracefully arched foliage surpassing Maiden Hair Ferns in grace, delicacy of texture and richness of color. The fronds are 12 to 15 inches in length and taper to a point from a width of 12 inches. One of the most beautiful decorative plants. **Each, 20c.**

ASPARAGUS SPRENGERI.

Asparagus Tenuissimus.—Very fine, filmy foliage. A handsome climbing plant for the window, or pots. **15c.**

One each of the 3 Asparagus Ferns for 50c., postpaid.

New Early Flowering Hardy Phlox.

These we consider the most desirable of all hardy perennials. Flowering abundantly from July until late in the Autumn. These new French varieties are of a dwarf growth, seldom attaining a height of over 12 to 18 inches. The immense flower heads often measure from 7 to 9 inches across and comprise all shades of color—vermillion to white. They delight in a sunny location and rich soil, but are by no means particular.

Madagascar.—Very large flowers of a light magenta pink with a large white star in the center. New color; extra fine.

Coquelicot.—Extra fine, large flowers, compact heads; color, a bright red, making a brilliant show.

Marquis de Saint Paul.—Very large flowers; rose salmon with red star. Outer edge of petals white. Extra good.

Isabelle Dupuy.—Large, perfect flowers, rosy white, center red and white. Compact flower heads.

Japonais.—Dwarf rose salmon, with large carmine center. Compact bush form.

La Neige.—(SNOW.) Large, perfect, pure white flowers. One of the most beautiful of these French sorts. The plant is very dwarf. The immense flower heads are in breadth almost equal to the height of the plant.

NEW HARDY PHLOX.

. The . Single Flowers of these BEAUTIFUL PHLOX are as large as a silver Dollar.

Amphi Tryon.—Large flowers. streaked white and lilac, with white eye.

Beranger.—Large, perfect flowers of soft, rosy white, shaded to light gray. Of grand form and substance; very free blooming.

Each, 15c.; the set of above 8 for $1.00; any 4 for 50c., postpaid.

We also have a large collection of the older varieties, such as the following: Amor, Hecla, Cross of Honor, Prince Louis, Jeanne d' Arc, Aurora Boreale, Diplomate, Eclaireur, Cyrano, Stanley, Mme. Pape Carpenter, Champignol, Duguesclin, Emanuel Here, Alceste, Cameron, La Donon, Kossuth, Stanislas, Berenice and Pascal. One-year-old field roots, **each, 25c.; 12 for $2.50.** Small plants, **each, 10c.; 12 for $1.00.**

Carnation Novelties.

Mayor Pingree.—The finest yellow Carnation ever sent out; color of the flower a clear lemon yellow, lightly marked with pink and occasionally splashed with white. The plant is a strong, robust grower, continuous bloomer and not a cropper. Blooms measure 2½ to 3 in. and over in diameter. Stems, extraordinarily stiff and from 18 to 30 in. long as season advances. It is an excellent keeper and very productive.

MORELLO.—The plant is of a strong, robust and upright growth; the foliage covered with a heavy bluish luster and the flowers are borne on very long and strong stems. The blooms are produced very freely for such large flowers, which are 3 in. and over in diameter. In color it is a bright scarlet when first open, becoming darker with age. It lasts well.

Mrs. Geo. M. Bradt.—The color is a clear white, heavily edged and striped with bright scarlet; giving it a very bright and cheerful appearance. Flowers, large and full, with center petals standing erect, giving the bloom a rounded form. Habit, strong.

Harrison's White.—This is a true sport from the popular pink variety, William Scott, and has excited a great deal of interest among the Carnationists all over the country. The build and form of the flower is practically the counterpart of the pink parent except in color which is a particularly pleasing white of great purity. Vigorous and free blooming.

Each, 15c.; 12 for $1.50, or one each of above 4 Carnations, for 50c., postpaid.

SOLANUM WENDLANDI.

SOLANUM WENDLANDI.

A most rapid growing climber, of deciduous habit. Flowers large, pale lavender blue, produced in large bunches; should be planted in open ground in April, and in a sunshiny situation, where it blooms best. A superb climber of half hardy habit here but hardy in Florida. **Ea., 25c.**

Solanum Azureum.—A splendid climbing plant. Flowers are deep, clear azure blue, and are borne in large panicles; they are extremely beautiful and are produced in almost constant succession throughout the year. As a Summer flowering climber for the porch or veranda it will give great satisfaction.

Each, 20c.; 3 for 50c.

S. Jasminoides Grandiflorum.—A most beautiful climbing and trailing plant. It has star-shaped flowers, something like a Clematis, borne in large clusters. In color they are pure white with a violet tinge on back of petals and on the buds; a free bloomer. **Each, 15c.**

The above 3 sorts for 50c.

HARRISON'S WHITE.

Special Offer No. 211.—One good plant each, Cauna Chicago, Yellow Crozy and Leonard Vaughan, for 85c., postpaid.

Novelty Cannas.

CHICAGO.

Chicago.—(Medal.) Two of the three expert Canna judges of the Society of American Florists pronounce this the best of all the red varieties; 5 feet, green foliage, with leaves 9 to 10 inches wide, flower truss and stalk stand boldly erect. The large flowers open out nearly flat, petals 1½ inches wide and five in number. The color is a clear, deep vermillion, smooth and without markings, except a purplish gloss. Each, 20c.; 3 for 50c.; 12 for $2.00.

INGLEWOOD.—(Canadian Novelty.) The foliage is a rich plum purple, broad and musa-like. Extra strong, robust grower, carrying its numerous flower spikes well above the foliage; the dead flowers drop quickly, leaving the fresh blooms clean—a good habit. Flowers large, and of a clear, deep vermillion without markings. Each, 50c.; 3 for $1.00.

LEONARD VAUGHAN.—Five feet. Rich, deep bronze foliage. Very strong, robust grower, flowers freely, and well-formed flower spikes show boldly above the foliage. Color, bright scarlet without markings and with very wide petals, measuring 1⅞ inches. The best dark foliaged, good flowering Canna to date, we say. Each, 30c.; 3 for 75c.; 12 for $2.50.

Maiden's Blush.—4½ feet. Green foliage. One of the most striking of recent introductions. A good large flower and a good truss of bloom; color, clear rose pink, almost the exact shade of the Daybreak Carnation. A handsome addition to any collection on account of its novel color. Each, 35c.; 4 for $1 00.

PRES. MAX MICHELLI.—4 feet. Rich purple foliage; flowers are large and round and of a beautiful clouded amaranth purple, deeply veined. Forming large, compact flower heads. A French novelty and very scarce. Each, $1.00.

PRESIDENT CLEVELAND.—Originated by Mr. Henry Pfister, gardener at the White House during President Cleveland's term. One of the finest Cannas. Height, 3 feet. Green, musa-like foliage. It throws up freely very strong thick flower stalks. The very large flowers form well-shaped, compact trusses, of bright orange scarlet. Some Canna experts rank it as the very best.
Each, 75c.; 3 for $2.00; 12 for $7.00.

PHILADELPHIA.—This is undoubtedly one of the best bedding Cannas; it makes a splendid bed, planted alone as a solid color. Handsome and robust grower, making fine symmetrical plants about 4 feet high. Both the trusses of bloom and the individual flowers are of the largest size. The petals are broad and shapely; the color is probably as clear a shade of glowing crimson-scarlet as can be produced in a flower.
Price, each, 35c.; 3 for $1.00.

Souv. De Mme. Crozy.—5 feet. Rich, green foliage. Extra strong grower. The flower spikes, of which there are five to six in a stalk, are very large and full. Large, garnet red flowers, with broad border and large center of a brilliant yellow; decidedly one of the best new ones. Each, 50c.; 3 for $1.00.

SECRETAIRE CHABANNE.—3½ to 4 feet. Another new and very scarce French novelty. Green foliage; extra strong grower and free flowering. The flowers stand out from the spikes separately in an effective and attractive way. The color is a beautiful **orange** with deeper shadings, flowers large and round. Each, $1.00.

Needham, Mass.—The Canna "Chicago," for general purposes stands at the head of all Cannas of American introduction.
D. Zirngiebel.

Granville, Ohio.—I wish to say that my bed of Florence Vaughan Cannas are exceedingly fine. A. M. Nichol.

Special Offer No. 212 One good plant each, Canna Chicago, Yellow Crozy and Philadelphia, for 85c., postpaid.

TRIUMPH.—3½ to 4 feet. Flamingo type, but more vigorous, good flower and truss, rich, bright red, broad, thick petals, very durable; a constant bloomer; very handsome and desirable. Each, 35c.; 4 for $1.00.

YELLOW CROZY.

This novelty, proven by us for three years, is a clear, pure canary yellow with no red markings, except a few faint red spots on the smallest lower petal. The effect produced by a bed of it is a solid mass of pure yellow. In size, the flower petals are 1½ inches broad, the compact spike shows off well above the foliage; height 4 feet; foliage green. It has a remarkable habit of throwing out additional lateral flower heads from the main spike—often as many as six or seven. In the full sun it bleaches less than any Yellow Canna we have ever seen, owing to its good substance. It is, in short, just the color and habit of plant which has been sought for the past five years, a pure "Yellow Crozy." The dried and faded blooms should occasionally be picked off the plants in order to heighten the effect. **Price, each, 50c.; 3 for $1.25.**

New Hybrid Tea Rose.

MRS. RORERT GARRETT.—A variety of American origin, with extra large, almost entirely double flowers, and long, beautifully shaped buds; in color it is a soft rich pink, which illuminates grandly under artificial light. It is a remarkably healthy grower, wonderfully free-flowering, produces a bud on each shoot and its fragrance is exquisite.
Good young plants, each, 60c.; 3 for $1.50; dozen, $6.00.

SPECIAL OFFER No. 210.—One good plant each, of the 11 Cannas described on this page for $5.00, postpaid; or by express (at buyer's expense) we will send larger plants for same price.

Clematis Paniculata.

A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets, and of a most delicious and penetrating fragrance. The flowers appear in September, at a season when very few other vines are in bloom. The rapidity of growth, showy foliage, beautiful and fragrant flowers and entire hardihood, serve to make this one of the very choicest hardy climbers.
Each, 20c.; 3 for 50c., postpaid.
Large, field grown plants, Ea., 40c.; 3 for $1.00, "

New Orchid-Flowering Cannas.

THESE New Mammoth Orchid-Flowered Cannas are a surprise to everybody. The beautiful Gladiolus-Flowered, Crozy varieties, developed during the past six or eight years, have been considered a marvelous advance in hybridizing, but in these later ones we have again doubled the size of the flowers of this magnificent class of plants and these, we believe, are only the advance guard of a full range of color with even more substance of flowers than the present. We imported these in quantity last season from Italy and offer them at very moderate prices.

BURBANK

ALEMANNIA.

The gigantic-flowering Canna. This kind produces the largest flowers which have been obtained from any Canna. The plant grows 4½ to 5 feet high and has numerous musa-like glaucous leaves. Above the leaves, which alone would be sufficient to render the plant beautiful, emerge numerous, gigantic and really wonderful spikes of flowers. The blooms are enormous and surpass in size even those of the Canna "Italia." The outer petals are scarlet with a very broad, golden-yellow border. The inside of the blooms is scarlet and dark red. Exceedingly beautiful. **Each, 50c.**

AMERICA.

The first gigantic-flowering Canna with red leaves. Height about 4½ feet. The beautiful foliage has a dark back-ground, shaded and flamed with green, bronze and purple and shines as if varnished. The spikes are very large and the flowers enormous, with a yellow throat and petals of glowing red, flamed and streaked with purple—a combination of colors not seen in the Crozy class. **Each, 50c.**

ATALANTE.

Height, 4 feet. Large, greyish-green foliage, with a dark border; flowers deep orange-carmine of the large, orchid-flowered type. The plant is a strong grower and an early and continuous bloomer; considered one of the best of this new Italian type. **Each, 50c.**

Austria.—Height, 6½ to 7 feet. Much resembling the Burbank but far inferior to it in foliage and freedom of bloom. **Price, growing plants, each 15c.; 2 for 25c.**

Burbank. Height; 6 feet. The new Orchid-Flowered Canna. At last we have not only a clear, beautiful flowered yellow Canna, but also a flower magnificent in size, fully twice as large as Madam Crozy and similar kinds. The flowers are truly gigantic in size, the upper petals spreading fully 7 inches and the form is really semi-double. Toward the inner part the petals show fine crimson spots, all the rest of the flower is of a most beautiful, rich canary-yellow. A very strong grower, 5 to 6 feet high, with leaves having a texture like rubber. As decorative plant as well as a flowering plant for greenhouse or private conservatory it is the finest novelty of recent years. **15c.; 2 for 25c.; 12 for $1.50.**

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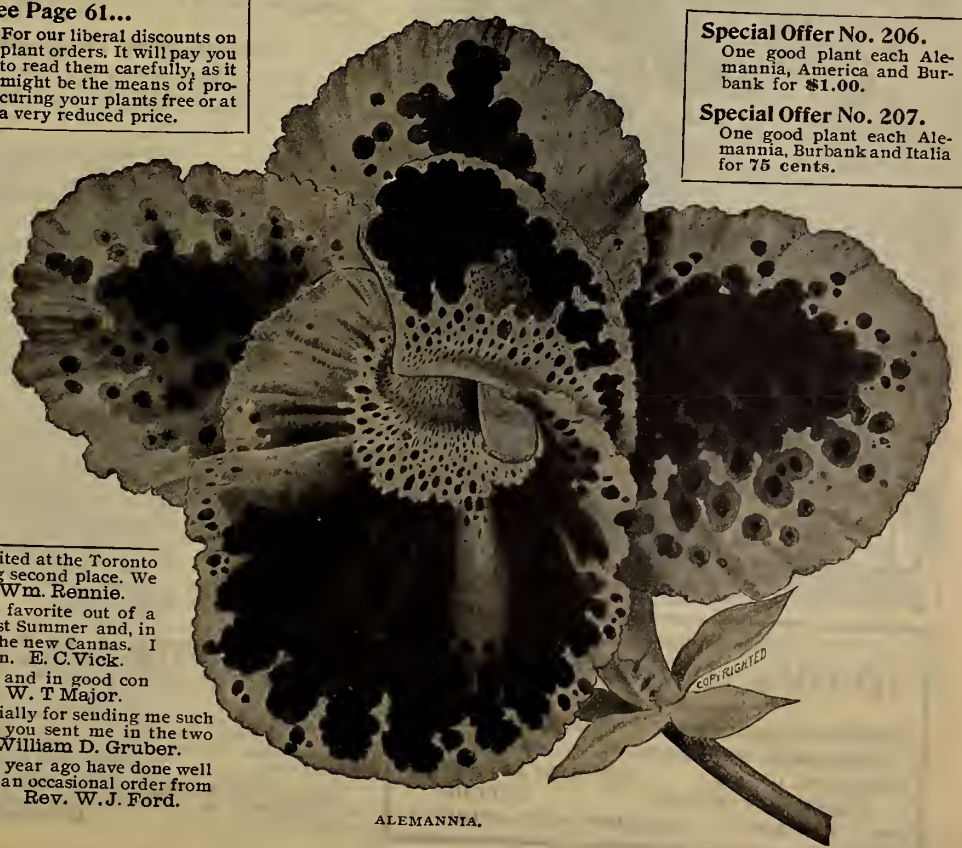

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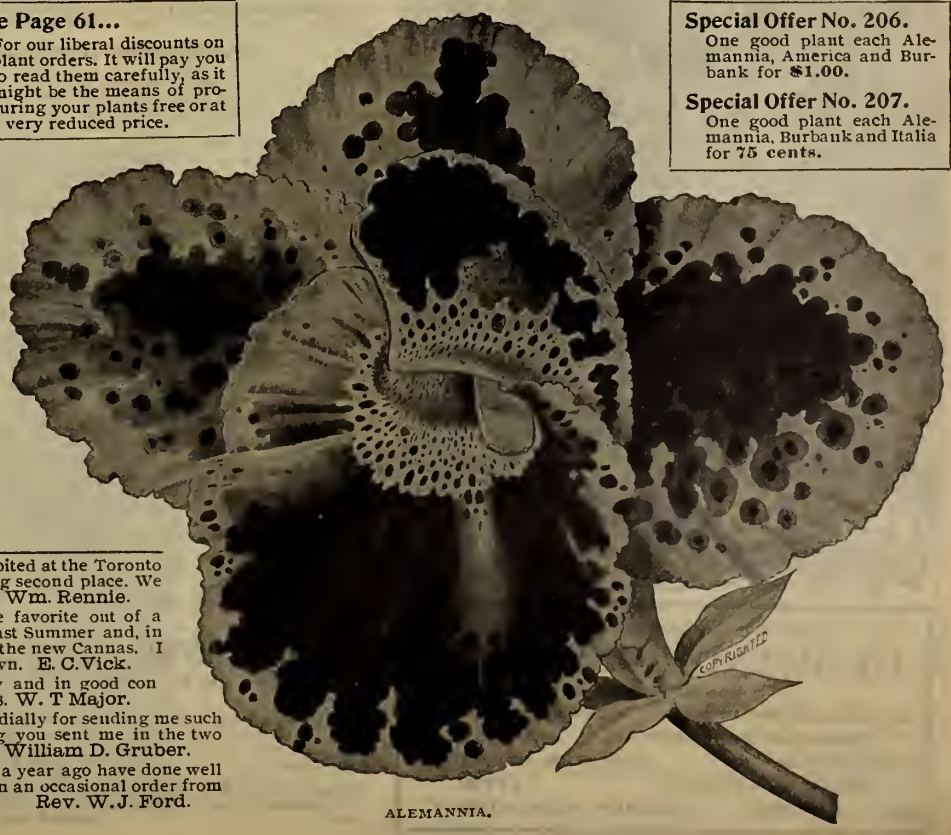


ALEMANNIA.

A Choice Lot of NEW Climbing ROSES.

CLIMBING METEOR.

This new Rose might, from its rich red color almost be called a "*Perpetual-Blooming Climbing Jacqueminot.*" Though a sport from that finest of Hybrid Teas, Meteor, it is much larger, and of a deeper, richer color. It is a rose which will make *10 to 15 feet of growth in a single season and blooms almost constantly.* Buds exquisite, flowers large, beautifully shaped and of that rich, dark, velvety crimson color seen only in the Jacqueminot. A fine Rose for Summer blooming, as it will make a large growth and is loaded with glorious blossoms. **Strong, well-rooted, 1-year-old, healthy plants, each, 15c.; 4 for 50c.; 2-year-old plants, each, 40c., by express.**

New Hardy Climbing Rose, CLIMBING LA FRANCE.

It is a sport from La France and possesses all the good points of the most popular of all Roses. It retains the charming peach pink color, and the exquisite fragrance which have made La France such a favorite; added to this its remarkably strong, vigorous growth, makes it the most desirable pink Climbing Rose in cultivation and shonld find a place in every garden. It is equally as hardy as its parent. **Good young plants, 20c.; strong plants, 50c.**

Hardy, Perpetual Blooming Climbing Rose, EMPRESS OF CHINA.

This remarkable new variety from China, commences to flower early in Summer and from that time until late in the Fall it blooms continuously. **It is entirely hardy,** having withstood a temperature of sixteen degrees below zero unprotected and without injury. In habit of growth it is vigorous, and in this respect it is unsurpassed; small pot plants will make a growth of 6 to 8 feet in a single season. The flowers are of medium size, very graceful in form and highly fragrant. The bud is pointed and very shapely and is borne on long, stiff stems. The color of the bud is a soft dark red and as the flower expands changes to an apple blossom pink. It is surely the rose for amateurs as it needs but slight attention and no protection. **Strong, well-rooted plants, 15c.; 3 for 40c., postpaid; 2-year-old plants, each, 40c., by express.**

ALISTER STELLA GRAY, also called "Golden Rambler." Of strong growth, with beautiful foliage and very free blooming. The flowers are borne in clusters; they are of small size, sweet scented and of a pleasing straw and orange yellow.
Each, 15c.; 2 for 25c; 2-year-old plants, each, 50c., by express.

CLIMBING CAPT. CHRISTY.—One of the most desirable Roses introduced in recent years. It had its origin as a sport from Capt. Christy and possesses all the good points of that most popular of all Roses. It retains the charming peach pink color and the exquisite fragrance that have made Capt. Christy the favorite it is; added to this, remarkably strong, vigorous growth makes it one of the most desirable hardy climbing Roses in cultivation. **Each, 10c.; 3 for 25c.; strong plants, each, 30c.**

ZEPHERIN DROUAT.—Hardy Climbing Rose of strongest growth, growing in one season to a height of 15 to 20 feet. The flowers are large and double, of a bright rose color. **Each, 15c.**

Ever-Blooming Hardy Climber, MARY WASHINGTON.

This beautiful Climbing Rose has been secured from the Washington estate at Mt. Vernon, and whether it was ever raised from seed by the Father of his Country or not, it certainly has its right to the Washington name. It is a remarkably free bloomer, commencing to bloom when the plants are very small and continuing throughout the season. The flowers are pure white, quite double and fragrant, blooming in clusters and very profusely; is hardy, with slight protection. **Each, 15c.; 3 for 40c., postpaid. Extra sized plants from 4-inch pots, each, 30c.; 4 for $1.00.**

ROSE, BARDOU JOB.—A splendid, new hardy climber. Unlike any other Rose in color; a vivid, deep crimson, with a blackish satiny gloss. It is one of the earliest to bloom. The flowers are semi-double and very beautiful, on account of their rich color. This, with the Crimson Rambler, makes two grand additions to our very short list of reliable, hardy climbers.
Each, 20c.; 3 for 50c.

"THE DAWSON" ROSE.

A new Hybrid Rose of perfect hardihood, the result of a cross between Rosa Multiflora and the General Jacqueminot. It possesses the trailing habit of the Multiflora Rose, especially adapting it to cover trellises, etc., while it will also make a large bush if allowed to grow by itself. The flowers are semi double and of a clear rose color, two inches across, and borne in immense panicles of often sixty perfect blossoms, of exquisite fragrance. **Price, each, 15c. 2-year-old plants, each, 40c.**

SPECIAL OFFER.—One each, the 9 Climbing Roses on this page for $1.10, postpaid.

Romeo, Mich.—The Roses arrived in fine condition and not one of them have even wilted since. I am very much pleased with them and shall be pleased to speak a good word for your house. **Mrs. Clarence J. Hand.**

Dixon, Ill.—The Rose plants you sent me recently are very satisfactory. As a consequence, I send you another order. **Leonard Andrus.**

Ever-Blooming Rose Collection No. 1.

10 GRAND ROSES FOR 50c., POSTPAID.

One plant each of

CLOTHILDE SOUPERT. NAMELESS BEAUTY.
AMERICAN PERFECTION. PROGRESS.
PRIMROSE DAME. TRIUMPH de PERNET.
WHITE BON SILENE. SAPPHO.
SOUV. d'un AMI. CLIMBING CAPT. CHRISTY.

HARDY CLIMBING ROSES.

CRIMSON RAMBLER.

We consider this the most wonderful of all the new Roses. We have had this Summer, branches seven feet long, loaded down with large clusters of these brilliant red Roses. One would hardly believe it possible that so many could be produced on one shoot. A superb climber; cannot be excelled, while it is also magnificent in bush form. One of the striking characteristics of this Rose is its remarkable color, which is of the brigtest crimson, and remains so to the end. The flowers with which the plant is covered, are produced in large trusses of pyramidal form, carrying 30 to 40 flowers, which remain on the plant for a long time. The foliage is bright green and glossy, and contrasts finely with the bright crimson of the Rose. The plant seems to be as hardy as the Old Prairie Queen. Every garden should contain this grand Rose. **Price, strong growing plants, from 2½ inch pots, each, 15c.; club of 6 for 75c., postpaid. Dormant plants, 1-year, each, 35c.; 3 for 90c., postpaid. Large dormant plants by express, this is the best size to give you good satisfaction, each, 50c.; 3 for $1.25; 6 for $2.50.**

Yellow Rambler. (Aglaia.)

The flowers are borne in immense clusters after the same manner as the Crimson Rambler, often as many as **150 blossoms in a bunch,** and the trusses have the same handsome pyramidal shape as those of the Crimson Rambler. The color is a decided yellow. Many Roses which are described as yellow have really only a creamy tinge, but the Yellow Rambler is a clear, decided yellow. The blossoms are of moderate size, cup shaped, nearly full, of very pretty form, and sweetly scented, in which respect the variety has an important point of superiority over Crimson Rambler. The habit of growth is very vigorous, well established plants often making shoots of from eight to ten feet in height in a single season. It has been found to successfully withstand, without protection, a continued temperature of from zero to two degrees below. **Strong plants, from 2½ in. pots, each, 20c.; 3 for 50c.; extra strong, from 4 in. pots, each, 50c.; 3 for $1.00.**

WHITE RAMBLER. (Thalia.)

Of German origin and in habit of growth, foliage, manner of blooming, form of flowers and hardiness it is said to be identical with Crimson Rambler, of which it is a blood relative, but that the flowers are pure snow-white and sweetly scented. The flowers "remain on the bush from 3 to 5 weeks; beautiful to behold."

From 2½ in. pots, each, 15c.; 3 for 40c.

PINK RAMBLER. (Euphrosyne.)

Originated by the same nurseryman who produced White Rambler, and is of the same blood. What is said of White Rambler applies equally to this, except the color of the flowers are pure shiny rose—the partially open buds being bright, light carmine, thus producing a strong and pleasing contrast. In hardiness, freedom of bloom, form and color of flowers and vigorous climbing habit, this variety is fully the equal of Crimson Rambler. **Each, 15c.; 3 for 40c. Extra strong, from 4 in. pots, each, 40c.; 3 for $1.00.**

SPECIAL.—For 50c. we will send a strong plant from 2½ in. pots, of each of the four Rambler Roses described above, by mail, postpaid.

WICHURAIANA OR MEMORIAL ROSE.

MEMORIAL ROSES.

New Double Memorial Roses.

The habit of these roses is the same as the Rose Wichuraiana or Memorial Rose. The growth is creeping and they can be used to cover ground, stems of trees, pillars, posts, trellises, or for any other similar purpose. They are very hardy and will stand any climate or exposure. They thrive well in the poorest soil or on a gravel bank. The foliage is finely cut, thick, of a leathery substance, bright green, shining as if varnished, not subject to mildew or any insect, but keeps its full beauty almost until Christmas. The flowers are produced in the greatest profusion, so that a two or three-year-old plant will produce several thousand most exquisite blossoms, which are deliciously fragrant, and lasting in perfection.

TRIUMPH.

This grand Rose is of free growth, luxuriant foliage, and produces large clusters of double pure white flowers, two inches in diameter, beautifully imbricated and well formed, very sweet scented. **Each, 25c.**

UNIVERSAL FAVORITE.

This is the most vigorous plant of the set. The long branching shoots are covered with dense bright green foliage. The double flowers are over two inches in diameter, and of a beautiful rose color, similar to the Bridesmaid, and deliciously fragrant. A grand variety for any purpose. **Each, 25c.**

South Orange Perfection.

This is a gem, growing freely, close to the ground, and having multitudes of the most perfectly formed double flowers, about one and a half inches in diameter, soft blush pink at the tips, changing to white. It lasts a long time in perfection. **Each, 25c.**

PINK ROAMER.

This is without question a Hybrid between the Sweetbrier, and carries these characteristics in bloom, while the growth, which is very rampant, and the luxurious foliage, partake more of the Wichuraiana. The single flowers, which are produced in close heads, are nearly two inches in diameter, bright rich pink, with almost a white center, which lightens up the orange-red stamens, producing an effect which, combined with fragrance, makes it one of the most valuable roses in cultivation. **Each, 25c.**

CRIMSON RAMBLER ROSE.

Rosa Wichuraiana, also called Hardy Memorial Rose.

This hardy and lasting Rose creeps over the ground like Ivy. The leaves are glossy, dark green and handsomely notched. The flowers which are borne very profusely during July are large, pure white, single, with yellow center and have a strong, wild Rose fragrance. It is one of the very best plants for rock work, embankments, slopes, cemeteries, as well as for garden cultivation. Its wonderfully free, rampant habit, frequently shows a growth of 10 to 12 feet in a season, spreading as it goes.

Each, 15c.; 3 for 40c. Extra plants, each, 40c.; 3 for $1.00, by express.

☞One each, of the above 5 Memorial Roses, for $1.00, postpaid.☜

Barry, Ills.—I received the Roses and am well pleased with them, as they are such good roots. Enclosed find order for more. **Miss Kate Carswell.**

Flat Rock, Mich.—I received the plants and bulbs sent by you today. To say I was delighted is putting it mildly. The Roses all looked so fresh, and the bulbs were magnificent, too. **Mrs. W. S. Morey.**

NEW SILVER-LEAVED GERANIUM, WILLIAM LANGGUTH.

New Silver-Leaved Geranium, William Langguth.

Seldom does a novelty obtain notoriety so quickly as the William Langguth. The plant is of short stocky growth, beautiful deep green foliage with broad, pure snow-white band. Most free flowering of all its class. Flowers, double bright red, large, extra filled out blooms, rising from the white colored foliage quite magnificently. The visitors at our greenhouses were all of the same opinion over it, that this novelty was only to be praised.

Each, 35c.; 3 for $1.00, postpaid.

GERANIUM MAD. BRUANT.—New. Fancy flowered. A grand single variety wholly distinct from any other in cultivation. So much so that visitors passing through our greenhouses, where hundreds of other varieties are in bloom, single it out at once as the most beautiful and attractive in the whole collection. Color of flower, white, veined with carmine lake, florets regularly bordered with bright solferino, the arrangement of color is exquisite, often intermingling and producing a striped effect; the trusses are large and beautifully formed; the plant is a good healthy grower and very free flowering. Everything considered, this is the most distinct and wonderfully colored variety ever sent out, and certainly the finest plant novelty of the year.

Price, each, 15c.; 4 for 50c.

One each of above 2 grand Geraniums for 45c., postpaid.

New Begonia Erfordia.

One of the most prolific bloomers in the Begonia family; it is continually covered with clusters of its rosy salmon flowers. An excellent variety for outdoor bedding, growing and blooming in our hot sun equal to the best bedding Geraniums, being a mass of bloom the whole season, and if lifted and potted before frost, will continue to flower all Winter. A grand acquisition to this class.

Price, each, 15c.; 2 for 25c.

SAGE---Holt's Mammoth.

A vast improvement upon the ordinary garden Sage. The leaves are of immense size, always clean and perfect, and produced in a solid mass over the entire bush. Plant of strong, bushy habit, does not blossom except under unfavorable conditions, and never seeds.

Each, 15c.; 3 for 25c.; 7 for 50c.; 15 plants for $1.00, postpaid.

.....BEAUTIFUL.....

WEEPING LANTANA.

One of the few plants that cannot be too highly recommended.

The plant is of very rapid growth, and graceful drooping habit, with lovely dark green foliage, producing a cluster of flowers at each leaf. The flowers are a most delicate, clear, brilliant rosy lilac color; entirely distinct from any other flower we have ever seen. Indeed, we never grew a plant that attracted so much attention and gives such general satisfaction. To produce the best results, take an ordinary nail-keg, or any other large vessel that will hold from four to six gallons of soil. When planting press the soil firmly about the roots; water frequently after planting. To produce quick results, a half-dozen or more plants should be planted in the vessel, although a very pretty basket can be grown from a single plant. It is also a very valuable plant for mixing with other plants in vases, etc. We have grown an immense stock of this beautiful basket plant and offer it at prices that are within the reach of all. Ask your friends to order with you. Price, strong plants, each, 10c.; 3 for 25c.; 7 for 50c.; 15 for $1.00 postpaid.

NEPHROLEPIS CORDATA COMPACTA.

The Boston Drooping Fern.

(*Nephrolepis Bostoniensis.*)

Of which much has been heard during the past year; it is of the same form as the Sword Fern (*Nephrolepis Exaltata*), but has longer and broader fronds, and a more drooping habit. In well grown specimens the fronds attain a length of six to seven feet. A very fine plant for hanging pots or baskets; easy to grow. **Each, 25c.; 3 for 50c. Large size each, 50c.; 2 for 75c.**

Nephrolepis Cordata Compacta.

A new, dwarf, bushy growing variety, with stiff narrow leaves; the fronds grow from one to two feet high and nearly upright. And even in a small pot it is a very attractive plant. cannot be excelled for ferneries or house plant. **Each, 25c.; 3 for 60c.**

SWORD FERN. (Nephrolepis Exaltata.

This is one of the best, producing long and graceful fronds, averaging from one to three feet in length. Hardy; grows rapidly when planted outside in shady borders. **Each, 15c. 3 for 40c. Large size, each, 50c.**

SPECIAL OFFER No. 205. One each of above 3 Sword Ferns for 50c., postpaid.

CRIMSON SPIRÆA..... ANTHONY WATERER.

It outshows all Spireas in brilliancy of color. A bright crimson. It is also much dwarfer and denser in growth; when scarcely three inches high it begins to bloom and thereafter is seldom out of flower. As a house plant nothing can equal it. In the garden it will make a plant three feet high and wide, and will be covered with flower heads six inches across. It is also perfectly hardy, and will stand the most severe winter with slight protection.

Price, each, 15c.; 3 for 40c., postpaid.

SPIRÆA ANTHONY WATERER.

SPECIAL OFFER No. 203.

One each, Weeping Lantana, Boston Fern and Sword Fern, for 40c.

SPECIAL OFFER No. 204.

One each, Geranium Wm. Langguth, Mad. Bruant and Begonia Erfordia, for 55c.

Please read "How to Order" (Page 1) before ordering, and save all misunderstanding.

ORDER SHEET TO VAUGHAN'S SEED STORE.

More order blanks will be sent upon request. Always write letters on a separate sheet from your order.

While we exercise the greatest care to have all Seeds, Bulbs and Plants pure, true and reliable we do not give any warranty expressed or implied. If the purchaser does not accept these goods on these terms and conditions they must be returned at once, and the money that has been paid for same will be refunded. ☞Special prices to public institutions and market gardeners, using large quantities of seeds.

VERY IMPORTANT.—Write your name very plainly in black ink, and give your Post Office, County and State in full every time.

Your Name ....
(VERY PLAIN.)

Post Office ....

County .... State ....

Street .... P. O. Box ....

Express Office {If different from P. O.} ....

AMOUNT ENCLOSED.

No Goods Sent C. O. D.

LOOSE MONEY IS NOT SAFE.

State how much money you enclose.

Money Order - $ ....

Draft or Check - $ ....

Postage Stamps $ ....

Cash - - - $ ....

Shall we forward by {Mail, Freight or Express.} ....

DATE, ... 1898.

Please do not write here.

Our Order No.

SEE CATALOGUE FOR CASH DISCOUNTS.

In ordering Pints and Quarts of Peas, Beans and Corn, to be sent by mail, add money for postage.

Bush.	Qts.	Pints.	Lbs.	Ozs.	Pkts.	NAMES OF ARTICLES WANTED. (Use Special Order Sheet for Plants.)	PRICE.

Use THIS Order Sheet for all items in our Catalogue EXCEPT plants.

(OVER)

We will consider it a special favor if you write below the names of some of your friends who are likely to use seed.

NAMES.	POST-OFFICE.	COUNTY.	STATE.

Bush.	Qts.	Pints.	Lbs.	Ozs.	Pkts.	NAMES OF ARTICLES WANTED. (Use Special Order Sheet for Plants.)	PRICE.

Garden-Making

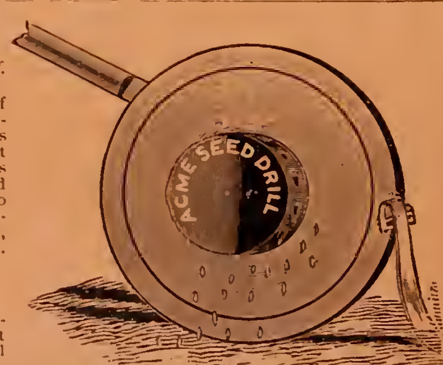
A book of reference and instruction (written by Prof. Bailey) for the amateur as well as the skilled gardener.

It is full of valuable suggestions for the utilizing of the home garden, whether that garden be a city back-yard, or an enclosure of acres. While it presents scientific truths it is in no sense a scientific treatise, but instead gives in simple language such information as every man or women who buys a single packet of seed or attempts to grow a single plant is in need of. No modern American work exists which covers this important field. Garden-Making is profusely illustrated, every important operation being graphically shown.

Price, $1.00 postpaid.

FREE AS A PREMIUM!

We will send one copy FREE to anyone ordering seeds in packets and ounces amounting to $2.00 at regular catalogue prices (without discount), or we will send one copy free with any general order for seeds, plants or bulbs amounting to $5.00.



The Acme Seed Drill

A Garden Seed Drill that will open a furrow and distribute Beet, Cabbage, Carrot, Celery, Lettuce, Onion, Radish, Turnip, and all such seeds with perfect regularity. It is utterly impossible for it to sow anything but accurately, doing the work as thoroughly as the costly machines, and will cover ten times the ground that can possibly be covered by hand. It is simple in construction, so easily understood that a child can be instantly taught to use it; so simply constructed, it is impossible to get out of order.

Price, $1.00 each by express at purchaser's expense, or we will deliver them to any express office in the U. S. for **$1.25** each, prepaid.

FREE AS A PREMIUM!

We will send one Acme Seed Drill FREE to anyone ordering $3.00 worth or over, of seeds in packets and ounces, at regular catalogue rates (without discount).

When either of these premiums is wanted it must be stated on the order. It is of course understood that we give only one of the two premiums, either the drill, or the book, except the order amounts to $5.00 or over (for seeds in ounces and packets only) which entitles the customer to one of each. This should be an inducement for you to try and get your neighbors to club with you.

CASH DISCOUNTS

On Packets and Ounces OF ALL OUR SEEDS.

Customers Sending		May Select		
	$1.00		$ 1.30	Worth of Vegetable and Flower Seeds in packets and ounces.
	2.00		2.70	
	3.00		4.00	
	4.00		5.50	
	5.00		7.00	

THIS Discount only applies to orders for flower and vegetable seeds in packets or ounces and does NOT include seeds by weight (¼ lbs. and over) or measure (pints, quarts, etc.) or collections, or bulbs and plants, nor can it be applied to orders sent at different times during the season, except previous arrangement is made; but customers are allowed to select seeds in packets for the cost of sending money order besides these discounts.

☞ Always use our order sheets, and send for more, if required.

SPECIAL DISCOUNTS

We allow the following cash discounts to gardeners and others using seeds in large quantities on orders for vegetable and farm seeds in 1-4 lb., 1-2 lb., 1 lb. or larger quantities, quarts, pecks and bushels.

TO GARDENERS AND OTHERS Using Seeds in Large Quantities . . .

10 PER CENT on orders of from $5.00 to $10.00.

15 PER CENT on orders of from $11.00 to $20.00.

These "Special Discounts" however do NOT apply to Tools, Grass and Clover Seeds, Field Corn, Onion Sets, Potatoes, and Fertilizers. It embraces Vegetable and Farm Seeds (excepting above) in quantities of ¼ lbs. and quarts and upwards.

OUR PRICES INCLUDE POSTAGE on Packets, Ounces, Quarter-Pounds and Pounds of VEGETABLE and FLOWER SEEDS; also, on PLANTS and BULBS, EXCEPT WHERE NOTED. If the purchaser desires to pay his own Express or Freight charges, he may deduct 8 cents per pound from the PREPAID RATES here offered. Where so requested and the amount is mentioned at the bottom of the order, we will add extra seeds for such amounts, if not deducted.

OUR PRICES DO NOT INCLUDE POSTAGE on Pints, Quarts and larger amounts of Beans, Peas, Sweet and Field Corn, nor on amounts larger than one pound, except where it is marked otherwise.

"BY FREIGHT OR EXPRESS" always means that the transportation charges are to be paid by the purchaser.

JERUSALEM ARTICHOKE.

GARDEN-MAKING.

A book of reference and instruction (written by Prof. Bailey) for the amateur as well as the skilled gardener.

It is full of valuable suggestions for the utilizing of the home garden, whether that garden be a city backyard, or an enclosure of acres. While it presents scientific truths it is in no sense a scientific treatise, but instead gives in simple language such information as every man or woman who buys a single packet of seed or attempts to grow a single plant is in need of. No modern American work exists which covers this important field. Garden-Making is profusely illustrated, every important operation being graphically shown.

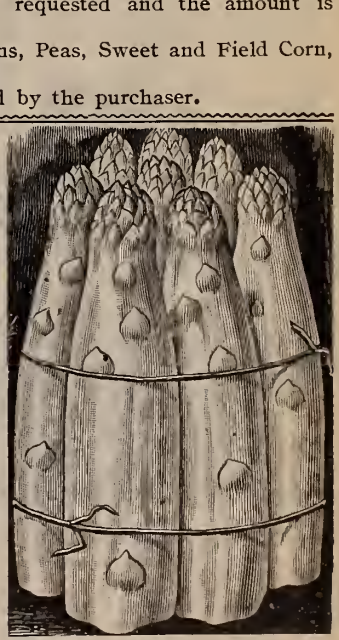
Price, $1.00, postpaid.

ARTICHOKE. GREEN GLOBE.—Produces large, globular heads; scales green, shading to purple; best for general use. Pkt., 5c.; oz., 30c.

JERUSALEM ARTICHOKE.

This variety is not produced from seed, but is cultivated for its tubers, which are especially valuable for stock-feeding on account of their fattening properties; they are well adapted to any soil where corn and potatoes can be grown. They are the best hog food known; a preventive of cholera and other hog diseases. Three bushels of tuber are sufficient to seed one acre, cut to one eye, the same as potatoes, planting in April or May, in rows three feet apart and 2 feet in the rows, and cover about 2 inches deep.

Price, lb., 25c.; 3 lbs. for 65c; postpaid; by freight or express, peck, 35c.; bushel, $1.15; bbl., of 3 bush. (enough for one acre), $3.50; Cultural directions will be sent with orders for Artichokes.



COLUMBIAN MAMMOTH WHITE.

ASPARAGUS PLANTS.

These prices do *not* include postage. If to go by mail, add 25c. per 100 for the 1-year-old plants, and 50c. per 100 for the 2-year-old plants. We furnish 25 of kind at the 100 rate, 250 at the 1000 rate, except where noted.

☞ *Special prices on larger lots on application.*

COLUMBIAN MAMMOTH WHITE. One-year-old roots, doz., 15c.; 100, 75c.; 00, $3.00; 1000, $5.50; 2-year-old roots, 100, $1.00; per 1000, $6.50.

CONOVER'S COLOSSAL.—One-year-old-roots, 100, 50c; 1000, $4.00; 2-year-old oots, good plants, 100, 60c.; 1000. $5.00; 2000, $9.00; 5000, $20.00; 3-year-old roots, xtra strong, 100, $1.25; by mail, $2.00.

BARR'S MAMMOTH.—Two-year-old roots, doz, 20c.; 100, 75c.; 500, $3.25; 000, $6.00.

PALMETTO.—Two-year-old roots, doz., 20c.; 100, 75c.; 500, $3 25; 1000, $6 00.

GIANT BRUNSWICK.—(*Braunschweiger Riesen Spargel.*)—Our plants are rown from genuine imported seed. This is the sort almost universally grown Germany for White Asparagus. The stalks grow to enormous size, often easuring over an inch in diameter, are *as soft as butter*, and of the most elicious flavor. We recommend this as a very good sort. Two-year-old plants, oz., 25c.; 100, $1.00; 250, $2.00; 1000, $7.50.

ASPARAGUS SEED.

COLUMBIAN MAMMOTH WHITE.—A new variety, that produces *shoots which are white*, and remain *white*, as long as fit for use, without earthing up or any artificial blanching; throws up larger shoots and fully as many of them as "Conover's Colossal." Lb., 65c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c., postpaid; by express, at buyer's expense, 5 lbs., for $2.50.

BARR'S MAMMOTH.—The stalks are very large, frequently one inch in diameter, with few scales; the stalks retain their thickness completely up to the top of the shoots, and have close, round heads. They are very quick growing and very light in color. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.; postpaid; 5 lbs., (by express), $2.00.

EARLY GIANT ARGENTEUIL.—This deserves the attention of market gardeners and private planters, for it is a *Mammoth sort* and *the earliest variety in existence*. Gardeners who want Asparagus EARLY can find no better sort than the *Early Giant Argenteuil*. Lb., $1.25; ¼ lb., 40c.; oz., 15c., pkt., 5c.

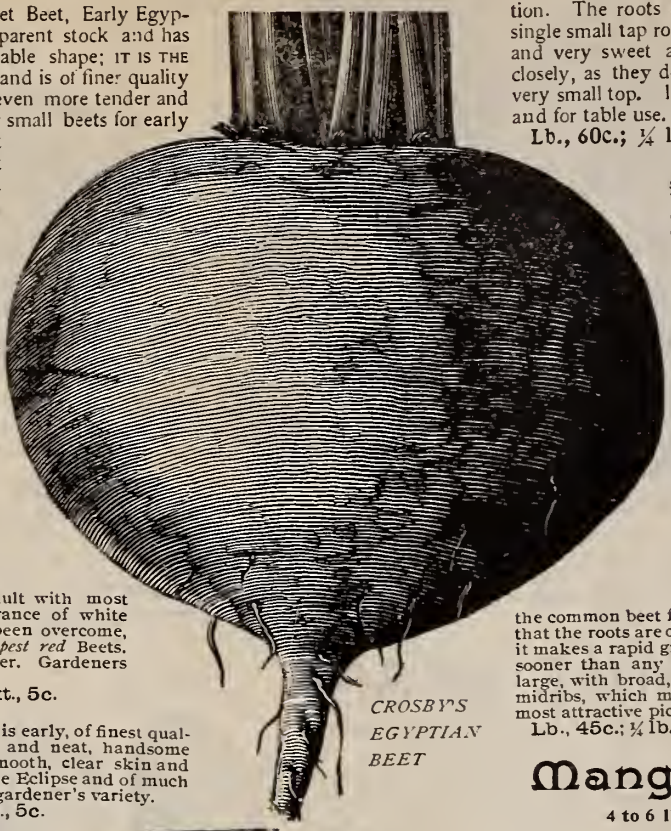
CONOVER'S COLOSSAL.—The standard variety. Lb., 40c.; ¼ lb., 15c.; oz., 6c., pkt., 3c., postpaid; 5 lbs. (by express) for $1.50; 10 lbs., $2.50.

BEET.

CROSBY'S EGYPTIAN.

THE EARLIEST BEET IN THE MARKET.

A selection from that standard market Beet, Early Egyptian, which retains the earliness of the parent stock and has added thickness, giving it a more desirable shape; IT IS THE DEEPEST RED, ALMOST BLACK IN COLOR, and is of finer quality than the Egyptian, being sweeter and even more tender and smoother. The most desirable sort for small beets for early market, as it is in presentable market shape quicker than any other sort. It is a very rapid grower and can be sown outside as late as July **Lb. 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.**



CROSBY'S EGYPTIAN BEET

IMPROVED EARLY EGYPTIAN.

The finest early market sort, color very deep red; tender and sweet; in form like the Flat Dutch Turnip. Our seed is a special selection of the darkest, earliest and most perfect roots with small tops.
Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 45c; 5 lbs., by express $1.50.

ECLIPSE.—A very early, globe-shaped Beet, with small top and thin root; its skin deep red, its flesh of very fine texture. Lb., 50c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.

Detroit Dark Red Turnip.

A grand Beet for bunching for market; tops exceptionally small and uniformly upright; roots are *perfect turnip shape with small tap roots.* The principal fault with most Turnip Beets is the occasional appearance of white rings, but by careful selection this has been overcome, and this will be found one of the *deepest red* Beets. Quality is of the *very best*, sweet and tender. Gardeners can safely plant it largely.
Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

COLUMBIA.—This distinct new Beet is early, of finest quality and great uniformity, both in roots and neat, handsome foliage, being of turnip shape, with smooth, clear skin and deep, blood red flesh. It is as early as the Eclipse and of much better quality. A very valuable market gardener's variety.
Lb., 50c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

Half Long Blood.—One of the best for winter use. The roots are only half as long as the Long Blood, but weigh as much on account of their thickness. They are always smooth and handsome, and their rich, dark red flesh is very sweet, crisp and tender, never becoming woody even in the exposed portions. Lb., 55c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

EDMAND'S EARLY BLOOD TURNIP BEET.

One of the Best Beets grown, being a very careful selection. The roots are of good form, round with only a single small tap root; the flesh is of a deep blood red color and very sweet and tender. They can be planted very closely, as they do not grow large and coarse, and have very small top. It is one of the best for the market gardener and for table use.
Lb., 60c.; ¼ lb., 20c; oz., 10c.; pkt., 5c.

Black Queen.—The roots are pear shaped, of medium size, fine form, nearly buried in the soil. The flesh is of a deep color, *almost black.* Lb., 60c.; ¼ lb., 20c; oz., 10c.; pkt., 5c.

Dewing's Early Blood Turnip.

A first-class table Beet. A week earlier than Early Blood Turnip; skin smooth; good for summer and winter use. Our stock is grown from specially selected roots.
Lb., 45c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.

Long Smooth Dark Blood.

We have an exceptionally good quality of this sort. Lb., 40c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

Early Flat Red Bassano.—Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Bastian's Blood Turnip.—Lb., 45c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

Swiss Chard, or Silver Beet.

A distinct vegetable and much superior to the common beet for *greens*; it must be remembered however that the roots are of no value *as beets.* Sown early in the spring it makes a rapid growth of leaves, and is fit for use for greens sooner than any other variety. Later the leaves grow very large, with broad, flat, beautifully white, wax-like stems and midribs, which may be cooked like asparagus or made into most attractive pickles.
Lb., 45c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.

Mangel ❀ Wurzels.

4 to 6 lbs. are required per acre.

The importance and value of this crop to all STOCK RAISERS cannot be over-estimated, but it is fully realized and acted on by very few of our American farmers. When the fact is considered *that 50 tons of Mangel Wurzels may be grown on a single acre,* thus providing free and healthful stock food for the winter at so small an outlay, the wonder is that every farmer does not profit by it. *We carry a very large stock of Mangel Seed,* and can supply the large buyers. Write for estimates on quantities larger than here quoted.

Vaughan's Mammoth Long Red.

This is an enormously productive variety, yielding from 50 to 70 tons to the acre, a single root often weighing from 20 to 30 pounds. It is the best long red Mangel, and of the greatest value for stock feeding. The grow well above ground, and are easily pulled. The strain is an extra selection of the largest and thickest Mangels representing the true type. (See illustration)
Lb., 35c.; ¼ lb., 12c.; oz., 5c.; 5 lbs., by express, (at buyer's expense) $1.00.

Golden Tankard.—*The best yellow Mangel in cultivation.* A distinct and valuable yellow-fleshed variety, which contains a larger percentage of sugar and more nutritive matter than any of the red-skinned sorts. It has already taken the lead of other varieties in England, and is more relished by milch cows and sheep than any other. In shape it is almost cylindrical, narrowing abruptly at both ends. Is very easily pulled, exceedingly hardy, and matures somewhat earlier than other large sorts. Lb., 35c.; ¼ lb., 15c.; oz., 5c.; 5 lbs., by express (at buyer's expense), $1.00.

Giant Yellow Intermediate Mangel.

A decided improvement on the Yellow Intermediate Mangel, being considerably larger, more than half above the ground, and of more grayish or rather of russet yellow color. Flesh white, firm and sweet, much liked by cattle. Lb., 35c.; ¼ lb., 12c.; oz., 5c.; 5 lbs., by express (at buyer's expense), $1.00.

Champion Yellow Globe.—Very nutritious and productive; a good keeper. The best Yellow Globe in cultivation.
Lb., 35c.; ¼ lb., 15c.; oz., 5c.; 5 lbs., by express, $1.00.

SPECIAL OFFER No. 8.—We mail 1 lb., each, Mangel Wurzel, Vaughan's Mammoth Long Red, Goldeu Tankard and Erfurt Model, for $1.00, postpaid.

Sugar Beets.

VILMORIN'S IMPERIAL.—An improved French variety, exceedingly rich in sugar. Under average conditions it has yielded 14 tons of roots to the acre, containing about 16 per cent. of sugar. Lb., by mail, postpaid, 40c.; ¼ lb., 15c.; oz., 5c.; 10 lbs., by express, $3.00.

Klein-Wanzleben.—This kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight and even, quite large at the head and rapidly tapering. It is easy to dig, a heavy yielder, and contains from 13 to 15 per cent. of sugar.
Lb., 40c.; ¼ lb., 15c.; oz., 5c.; 5 lbs., by express, $1.50.

Lane's Improved.—Much liked by stockmen wherever used; heavy yielder, and contains about 8 per cent. of sugar.
Lb., 40c.; ¼ lb., 15c.; oz., 5c.; 5 lbs., by express, $1.25.

French Red-Top Sugar.—The most generally grown sort in France, as it combines with heavy yield a good percentage of sugar. It has produced 30 tons of Beets to the acre, and contains from 10 to 13 per cent. sugar. The largest yields known have been obtained with this variety.
Lb., 35c.; ¼ lb., 15c.; oz., 5c.; 5 lbs., by express, $1.00.

New Mangel, Erfurt Model.

A very fine selection of Red Tankard Mangel. The roots grow very uniform, smooth and well above ground. The foliage is very sparingly produced, which admits of much closer planting and easier harvesting. The flesh is solid and contains a great amount of saccharine matter. The roots are easily pulled; on account of their compactness will not break when thrown on the wagon. Lb., 50c.; ¼ lb., 15c.; oz., 7c.; pkt., 5c.; 5 lbs., by express, (at buyer's expense) $1.75.

Special Offer No. 7.

We will mail 1 lb. each Sugar Beet, Vilmorin's Imperial, Klein-Wanzleben and Lane's Improved, for $1.00, postpaid.

Our prices for ounces and single pounds include postage.

"The Young Market Gardener."

This is the title of a new book, just published by T. Greiner. It is a book of 119 pages, paper cover and is just what new beginners in the market gardeu business need. It treats on Greenhouses with details of their construction and heating and their uses. Hot bed and cold frames, manures, early and late crops, sowing, planting, selling, etc. Gardeners who have been in the business for years will find many profitable hints and suggestions in this book. Price, 50c., by mail, or 40c., with seed order of $1.00 or

BORECOLE or KALE.

Dwarf Green Curled Kale.

(German Greens or Sprouts.)

is is hardier than Cabbage, and makes excellent ns for Winter and Spring use. The leaves are as y as Parsley, tender and of very fine flavor. It is roved by frost. Sow the seed in May or June, trans- t in July and treat same as Cabbage. Immense ıtities of this are grown in the South and shipped to thern markets. We have an excellent strain of it. ɔ., 90c.; ¼ lb., 25c.; oz.; 10c.; pkt., 5c.

'all Green Curled.—Fine curled. Lb., 80c.; ., 25c.; oz., 10c.; pkt., 5c.

'ree Kale.—¼ lb., 30c.; oz., 10c.; pkt., 5c.

ea Kale.—¼ lb., $1.00; oz., 30c.; pkt., 10c.

ıberian.—Sometimes called "Sprouts" and rman Greens." Not so curly as the Dwarf Green . The plant is low, but spreading and very hardy. 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Dwarf Green Curled Kale.

pecial Bargain Offer No. 33.

)ne pkt. each: Cabbage Allhead Early, Chantenay rrot, Crosby's Egyptian Beet,. Stringless Green- d Bean, Cucumber Evergreen White Spine, The ɔrse Lettuce, Early white Cory Sweet Corn, Prize- cer Onion, Scarlet Turnip Radish and Moss Curled rsley.—10 Excellent Vegetables, for 25c.

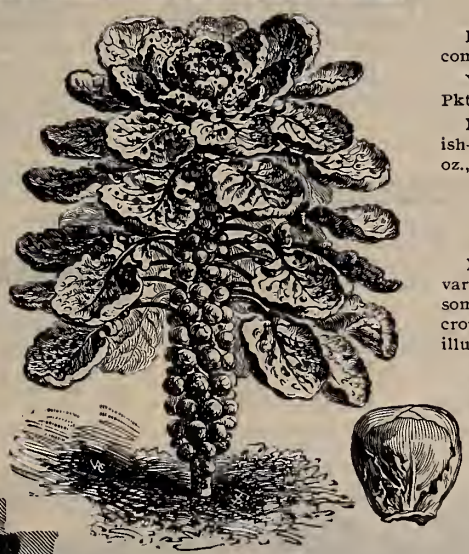
aughan's Earliest Dwarf Erfurt Cauliflower.

The Very Best for Forcing, and Earliest in Open Ground.

auliflower seed should be thoroughbred. Erfurt : strains have a fifty year pedigree. Some are so h bred that with perfection in bloom, comes weak stitution. Such plants do not average a good seed ɔ once in three years; hence the best is dear and ce. Vaughan's Earliest Dwarf Erfurt combines pedigree points, earliness, purity of color, dwarf it, fine grain. This seed will produce Cauliflowers th the highest market price. It cannot be sold ap for above reasons; but the shrewdest gardeners it the most profitable.

aughan's Earliest Erfurt, Lb., $40.00; ¼ lb., .50; oz., $3.00; ¼ oz., 85c.; pkt., 25c.

Vaughan's Earliest Dwarf Erfurt Cauliflower.



Paris Market Brussels Sprouts.

BROCCOLI.

Large White Mammoth.—Heads compact. Pkt., 10c.; oz., 40c.

Walcheren.—One of the best sorts. Pkt., 10c.; oz., 50c.

Purple Cape.—Large heads, of a brownish-purple color and good flavor. Pkt., 10c.; oz., 40c.

BRUSSELS SPROUTS.

A Most Delicious Vegetable.

Paris Market.—This is a very fine new variety, of half-dwarf growth, bearing handsome, solid, round sprouts of best quality, crowded together on the stalk, as shown in the illustration, 1 to 2 inches in diameter, resembling Cabbages in miniature. The sprouts are used as greens, and become very tender and of rich flavor when touched by frost. Sow in May, and treat the same as winter Cabbage.

Lb., $1.40; ¼ lb., 40c; oz., 15c.; ½ oz., 10c.; pkt., 5c.

Green Lake, Wis ---Vaughan's Earliest Dwarf Erfurt Cauliflower is the best kind for this Northern climate; it is sure to head; other kinds I do not have any success with. The Morse Lettuce was the best I ever saw. The New Stone Tomatoes were the best I ever had; they do not rot like other kinds. P. King.

CAULIFLOWER.

For plants of Cauliflower see end of Vegetable List.

No seed is more important than this, as every gardener knows. It is one of the seeds in buying which the PRICE should not be the only consideration.

Extra Early, or Second Erfurt.

A very fine strain, producing large, white, firm heads; close and of excellent quality. It is dwarf, extra early and always certain to head; good for early or late. We sell this largely to gardeners, who prefer it to Snowball. **¼ lb., $7.00; oz., $2.00; ¼ oz., 60c.; pkt., 10c.**

LARGE EARLY ERFURT.—This is a vigorous growing variety with large, white, firm heads. It is the very best sort for a second or late crop.

Per ¼ lb., $2.50; oz., 75c.; ½ oz., 40c.; pkt., 10c.

EXTRA EARLY PARIS.—A standard early variety. Lb., $6.50; ¼ lb., $1.75; oz., 50c.; pkt., 5c.

Half-Early Paris.—Oz., 60c.; pkt., 5c.

Lenormand's Short Stem Mammoth.—Heads of good substance. Lb., $6.50; ¼ lb., $1.75; oz., 50c.; pkt., 5c.

Walcheren.—A late sort; large, white head. Oz., 60c.; ½ oz., 30c.; pkt., 5c.

Autumn Giant.—Well protected by foliage. ¼ lb., $1.75; oz., 50c.; pkt., 5c.

Algiers.—One of the largest and best for late. Oz., 65c.; ½ oz., 35c.; pkt., 5c.

CABBAGE.

VAUGHAN'S + SURE HEADING SEED.

Our prices include postage, if to go by express deduct 8 cents per pound.

Beware of "cheap", imported Cabbage seed, offered at low prices.

VAUGHAN'S SELECTED EARLY JERSEY WAKEFIELD.

◆ THE BEST EARLY CABBAGE IN CULTIVATION. ◆

It forms fine solid heads of good size, conical in shape, with very few outside leaves, and of the best quality. We offer this as the earliest strain of this standard variety. GROWN ONLY FROM SELECTED HEADS. Our strain is remarkably pure; warranted to give satisfaction.

Lb., $3.00 ¼ lb., 80c.; oz., 30c.; ½ oz., 20c.; pkt., 10c., postpaid.

LARGE JERSEY, OR CHARLESTON WAKEFIELD.

This sort forms heads considerably larger than the *Early Wakefield*; they are uniform, large and solid, and only a few days later. This sort is largely planted by market gardeners in the south, and will be just as early on clay ground as the *Early Wakefield*. It is the *best, large early* Cabbage.

Lb., $2.50; ¼ lb., 65c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

EARLY JERSEY WAKEFIELD.—Lb., $1.50; ¼ lb., 45c.; oz., 15c.; pkt., 5c.

STEIN EARLY FLAT DUTCH.—Remarkably fine strain; a sure header, the heads weighing from ten to twelve pounds, are of even size, solid and of good flavor. Truly a market favorite. Lb., $2.00; ¼ lb, 60c.; oz., 20c.; ½ oz, 12c; pkt, 5c.

ALL SEASONS.—Lb., $1.50; ¼ lb., 50c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

Earliest Etampes.—Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c

EARLY "ALLHEAD" CABBAGE.

◆ OUR SEED IS GROWN ON LONG ISLAND BY THE ORIGINATOR. ◆

If a gardener or amateur were to plant but *one* variety of Cabbage he cou get none that would answer all purposes as well as the *Early "Allhead."* F uniformity, reliability of heading, size, earliness and quality, it has no equ Besides these points, the fact that at least 1,000 more cabbages can be grow on an acre, on account of its having hardly any outer leaves, and can, in co sequence, be planted much closer than other sorts, render this sort *the m profitable*. As stated above, our seed is grown by the most reliable Cabba Seed grower on Long Island, and *we know* that no better seed can be had.

Price, 5 lbs. (by express), $9.00; per lb., $2.00; ¼ lb, 60 2 ozs., 35c.; oz., 20c.; pkt., 10c.; 3 for 20c, postpaid.

VAUGHAN'S VANDERGAW.

One of the best sorts for the ma gardener, as it forms large, s heads, much larger than the *Early Summer* and almost as early, while plan later itmakes a first-class fall and winter sort. One of its main qualities is **almost absolute certainty to head.**

Lb., $2.00; ¼ lb., 60c.; oz., 20c; ½ oz., 12c.; pkt, 5c.

EXTRA EARLY EXPRESS.—A few days ahead of best W field, but can't compete with that sort when it is ready; plant therefore moderately. It has few outside leaves and can be planted close.

Lb., $1.25; ¼ lb., 40c.; oz, 15c.; ½ oz, 10c; pkt, 5c.

BURPEE'S SURE HEAD.

This sort produces large, round, flattened heads which are of uniform size, very hard and of fine texture, and weigh from 10 to 15 pounds. It is a good keeper and shipper, of fine quality and **certain to head**, even in the most unfavorable seasons. A general favorite with gardeners or large growers. Lb, $2.00; ¼ lb., 60c.; oz, 20c.; pkt, 5c.

MAMMOTH ROCK RED.

The largest red Cabbage in cultivation. Heads deep red to the center and will frequently average 10 to 12. A sure cropper, and in every way a fine, first-class sort. Lb., $2 50; ¼ lb., 70c; oz., 25c.; ½ oz., 15c.; pkt., 10c.

VAUGHAN'S PREMIUM FLAT DUTCH.

No Cabbage is so universally grown as this because seed may be sown in the open ground and the young pla raised without the use of hot-beds—hence it is a univer favorite for general use. For heading, evenness of c and size our strain of this cannot be surpassed. Lb, $1. ¼ lb, 50c; oz, 15c.; ½ oz., 10c.; pkt., 5c.

VAUGHAN'S SURE-HEADING CABBAGES.

Our Prices on Cabbages include Postage.

Dutch Winter, or Hollander.

The Best Cabbage for Early Spring Sales and for Shipping.

For several years past shipments of Cabbages have been imported from Holland and sold in the Chicago market at prices nearly double those obtained for the product from our home gardens. Through our connection with the largest seed growers in Holland, we have obtained a supply of the genuine seed, and offer it at such a price as to bring it within reach of all. The heads of this valuable sort are of medium size, averagiug a weight of 8 pounds, are **very solid and deep,** and of a **fine white** color, making them entirely distinct from any other strain. Their quality is superior, and they **keep better than any other sort,** the heads being just as solid and perfect when taken up in the spring as when they were put away in the fall. No cabbage will sell beside it even if offered at half the price.

Lb., $3.00; ¼ lb., 85c.; oz., 30c.; ½ oz., 20c.; pkt., 10c.

Vaughan's Bridgeport Drumhead.

This is the Standard Shipping Sort from the Chicago Market.

Thousands of car-loads are annually used and shipped from Chicago South. **It makes a large, round, firm head which seldom bursts or rots.** Since our introduction of this famous sort to the public ten years ago, the demand each year has exceeded the supply. The extra value of our seed is shown from the fact that for several seasons we could have sold every ounce we had to our home gardeners at our regular rates. We again have a good supply this year, **all raised from the largest, hardiest and in every way most perfect heads,** and can make the price low enough so as to place it within the reach of every market gardener. **Lb., $2.75; ¼ lb., 75c.; oz., 25c.; pkt. 10c.**

Luxemburg, or Hard Head.

Our market gardeners have for several years grown this variety, which was brought here by a German gardener who knew no name. It proved so valuable that the seed has been sold frequently at $1.00 per ounce, and sometimes higher. It makes a **very hard head of good size** and extraordinary weight, and is remarkable for **its keeping qualities** when buried over winter. It is an excellent sort for late spring sales, after the other sorts are gone, when it commends a high price, owing to its fresh green color, size and quality. **It is undoubtedly one of the most profitable kinds to grow,** and every gardener should have it.

Lb., $2.50; ¼ lb., 70c.; oz., 25c.; ½ oz., 15 c.; pkt., 10c.

Early Winnigstadt.—Lb., $1.25; ¼ lb., 35c.; oz., 15c.; pkt., 3c.

Early Flat Dutch.—Lb., $1.40; ¼ lb., 40c.; oz., 15c.; pkt., 3c.

Early Summer.—The seed we offer has been selected with special care from heads of even size, large, solid and of good texture and we know that our seed gives entire satisfaction, being a special market gardeners' strain. Lb., $1.50; ¼ lb., 50c.; oz., 20c.; ½ oz., 10c.; pkt., 3c.

Succession.—Lb., $1.50; ¼ lb., 40c.; oz., 15c.; ½ oz., 10c ; pkt., 5c.

Early York.—Lb., $1.25; ¼ lb., 35c.; oz., 12c.; pkt., 3c.

Filderkraut.—Lb., $1.50; ¼ lb., 40c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

Best for Sauerkraut. **Fottler's Improved Brunswick.** (*Short-Stemmed Drumhead.*)

We have an extra fine strain of this, with very uniform, large, solid heads, and always sure to head. Lb., $1.50; ¼ lb., 45c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

FOTTLER'S BRUNSWICK, Blue Strain.—It forms large and solid heads, the leaves have a bluish tint, hence the name. This sort is a better keeper than **Fottler's Improved.** Lb., $2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Stonemason.—A large, solid, late Drumhead, very popular and much used in Boston. Lb., $2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

Marblehead Mammoth Drumhead.—Late; the largest Cabbage grown and for that reason deservedly popular with market gardeners. Lb., $1.50; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

Large Late American Drumhead.—A specially selected strain of this standard variety for the main crop. It is productive and of best quality and finds a ready sale. Lb., $1.50; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

Warren's Improved.—Lb., $3.00; ¼ lb., 80c.; oz., 30c.; pkt., 10c.

Autumn King.—Lb., $2.00; ¼ lb., 55c.; oz., 15c.; ½ oz., 10c.; pkt , 5c.

NEW CABBAGE, ROUND SUGAR HEAD.—The heads are very hard and heavy, the stalk is short, it is of the finest quality and a splendid keeper. It is one of the most desirable sorts for the manufacture of *Sauerkraut*, as it assumes a fine golden-yellow color when pickled. Pkt., 10c.; 3 pkts., 20c.; ½ oz., 30c.; oz., 50c.

DANISH BALL-HEAD CABBAGE.—THE GENUINE ARTICLE. Lb., $3.00; ¼ lb., 85c.; oz., 30c.; ½ oz., 20c.; pkt., 10c., postpaid.

RED CABBAGES.

Extra Early Dark Red Erfurt.—$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Dark Red Dutch.—Heads hard, flat large. Lb., $1.50; ¼ lb., 45c.; oz., 15c.; ½., 10c.; pkt., 3c.

Red Drumhead.—Head rounded, exceedingly hard, very deeply colored. The best for field culture and an excellent keeper. $1.50; ¼ lb., 40c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

Giant Red Erfurt.—Very deep red hard as rock. Lb., $2.50; ¼ lb., 70c.; 25c.; ½ oz., 15c.; pkt., 5c.

BUXTON'S RED DRUMHEAD.—This very superior strain, being the result of many years' careful selection. For solidity, deep red color, certainty of heading and dwarf habit of growth it has no equal. Lb., $2.50; ¼., 70c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

Our Dutch Winter or Hollander is the Cabbage for gardeners who ship car-load lots. Our seed is the genuine and can't be beaten.

MARVIN'S SAVOY CABBAGE.

SAVOY CABBAGES.

These are much superior in flavor to the white Cabbages and just as good keepers. We recommend a trial.

DE VERTUS.—One of the largest of its kind. It is an excellent variety for Fall and Winter. The heads are large and firm; flavor excellent. Lb., $2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Extra Early Paris Savoy.—The earliest; of good size, beautifully crimped. 2 ozs., 40c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

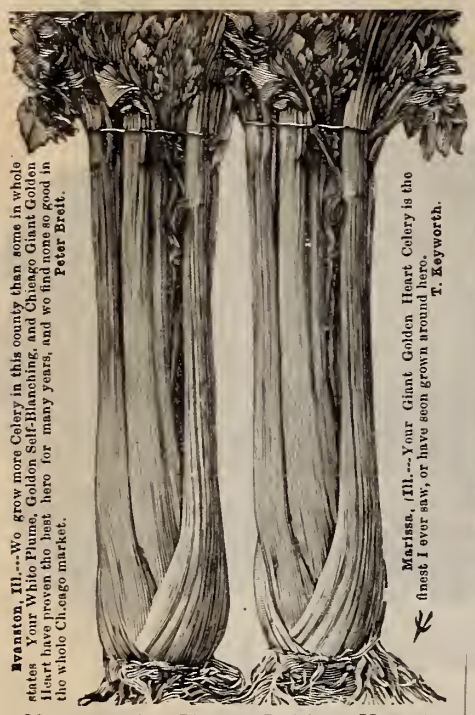
Small Early Ulm Savoy.—Lb., $1.50; ¼ lb., 45c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

Marvin's Savoy.—This is not only very large and solid, but very curly, and will give from 90 to 95 per cent. of good heads in every field. Lb., $2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Improved American Savoy.—Best late Savoy. Makes large and solid heads and is of excellent flavor. Gardeners who plant Savoy Cabbages largely should use this. Lb., $1 50; ¼ lb., 45c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

CELERY.

SEE ALSO NOVELTIES.



Evanston, Ill.—We grow more Celery in this county than some in whole states. Your White Plume, Golden Self-Blanching, and Chicago Giant Golden Heart have proven the best here for many years, and we find none so good in the whole Chicago market. **Peter Brelt.**

Marissa, Ill.—Your Giant Golden Heart Celery is the finest I ever saw, or have seen grown around here. **T. Keyworth.**

Vaughan's Giant Golden Heart.

The Best Celery for Winter Storage.

Ever since we introduced this Celery it has gained in public favor and rightly so, for it is not only the best keeper but it is large, solid, as sweet as a walnut and of a beautiful golden color. It is a selection from the Dwarf Golden Heart, grows much larger than its parent, but otherwise possesses all its excellent qualities. We strongly recommend it to gardeners as well as to private planters.

Lb., $3.00; ¼ lb., 85c.; 2 ozs., 50c.; oz., 30c.; ½ oz., 20c.; pkt., 10c.

"Kalamazoo," or Solid Ivory.—The fine Celery sent out under the name "Kalamazoo" has enjoyed a wide and extended popularity and has proven to be one of the most solid, compact, strong growing and easily bleached market varieties. We are selling it as a thoroughly reliable sort both for family and market use; *keeps well through the winter.*

Lb., $2.00; ¼ lb., 60c.; 2 ozs., 30c.; oz., 20c.; ½ oz. 12c; pkt., 5c., postpaid.

PINK PLUME CELERY.

WHITE PLUME, Self-Blanching.

Vaughan's Selected Stock.

This sort is too widely known to require an extended description. We will only say that we have not yet found a celery that is as early and of as good a flavor, as crisp and tender as our selection of this sort. We sell every year large quantities of this seed to market gardeners who find it *uniformly white*, and *free from green or hollow* stalks. It is not as good a keeper as our Giant Golden Heart, but it is unsurpassed for Fall and early Winter use, and is the *earliest Celery known.* Lb., $2.00; ¼ lb., 60c.; 2 ozs., 35c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

GIANT PASCAL.—One of the best for Fall and Winter use. It is a selection from the Golden Self-Blanching, and adds to the general good qualities of its parent superior keeping qualities. The stalks are *very large, solid,* crisp and of a rich nutty flavor, free from any trace of bitterness; *it blanches very easily* and quickly, and retains its freshness a long time after being marketed. The heart is golden yellow, very attractive. Lb., $1.75; ¼ lb., 60c.; 2 ozs., 35c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

NEW PINK PLUME.—The stalks of this magnificent new Celery are of clear, creamy white, shaded with a beautiful delicate pink. In flavor it is sweeter than any other, all red Celery, having a stronger "Celery" flavor, and is preferred by Celery lovers, wherever known. The foliage is white, like the White Plume, and the plants bleach naturally. It has the long keeping qualities for which red Celeries are noticeable, and the faint tint of pink makes it wonderfully attractive for table use. It has no tendency to rust, and owing to its white tops *matures* and blanches *as early as White Plume.* Pkt., 7c.; ½ oz., 15c.; oz., 25c.; 2 ozs., 40c.; ¼ lb., 70c.; lb., $2.50, all postpaid.

PERLE LE GRAND.—Its beautiful golden heart and rich nutty flavor are unapproached by any other variety. It has been found a most excellent Winter keeper.

Lb., $2.50; ¼ lb., 70c.; 2 ozs., 45c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

GOLDEN SELF-BLANCHING.

Oer seed from the original Paris introducers is a pure a strain as exists. Its rich, golden yellow colo its close habit and compact growth, and greater tha all, the readiness with which it is bleached and re dered marketable, make it invaluable to the garden and exceedingly popular with every planter. Th entire stock is solid, crisp, and although not as early a much better keeper than the White Plume.

Lb., $2.50; ¼ lb., 75c.; 2 ozs., 45c.; oz., 25c ½ oz., 15c.; pkt., 5c.

GIANT PRAGUE CELERIAC.

Prices include postage.	Pkt.	½ oz.	oz.	¼ lb.	lb.
Dwarf Golden Heart.....	.03	.10	.15	.40	$1.50
Perfection Heartwell...	.05	.10	.15	.50	1.75
New Rose.....	.05	.12	.20	.60	2.00
Giant White Solid.....	.03	.10	.15	.40	1.50
Red Giant Solid.....	.05	.15	.25		
Crawford' Half Dwarf...	.05	.15	.20	.40	1.50
Early Arlington.....	.05	.10	.15	.40	1.25
Boston Market.....	.03	.10	.15	.40	1.50
New Red Pascal.....	.05	.12	.20	.60	
Soup Celery or Smallage	.03	.10	.15	.4'	
CelerySeed for Flavor'g			.05	.12	.35
Celeriac, Large Erfurt..	.03	.10	.15	.35	1.25
Apple-Shaped.....	.05	.10	.15	.40	1.50
Large Paris.....	.05	.12	.20	.60	2.00
Naumburg Giant.....	.05	.10	.15	.40	1.50

Giant Prague Celeriac. *Prager Riesen Sellerie.*

This is unquestionably the largest and best Celeriac in existence. The roots are very large, twice as large as the Erfurt, almost globe shaped, smooth, with only a few roots at the bottom. Flavor is excellent.

Lb., $1.50; ¼ lb., 50c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

Vaughan's Celery Manual.

The only practical and complete guide to *Celery Culture* ever published. By a practical grower of 20 years' experience; revised and published by J. C. Vaughan. *Price, postpaid, 50c.*

If requested at time of ordering, this treatise will be sent free with every Celery seed order amounting to at least $3.00, or with any general order for other seeds amounting to not less than $5.00, if request is made when sending the order.

CARROTS.

The prices on ounces, ¼ pounds and pounds include postage; if to go by express deduct at the rate of 8 cents a pound from prices quoted. Note special cash discounts on large orders in front of book.

EARLY CHANTENAY. *THE BEST BUNCHING CARROT.*

This is the best early Carrot in existence, one which market gardeners should plant for their main early crop. The roots grow about six inches long, are stump rooted, very smooth, deep red, fine grained, sweet and sugary, and not liable to crack open while growing. An excellent table sort and a heavy cropper. Our seed is most carefully selected. Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c., postpaid.

With Carrots, as with Radishes, we go only for finest market garden sorts; even deep color, smooth roots, fine parsley-like tops. We have the best Carrot seed that can be grown, and seldom find a white sport in our yellow or red kinds.

Vaughan's SELECT DANVERS.

The best Carrot for general crop; it is of rich orange color, a very heavy yielder and splendid keeper. It is a first-class Carrot for all kinds of soils, valuable both for table use and for stock. We have an extra fine strain of this favorite sort, which we have sold for many years, giving the greatest satisfaction to our customers. Lb., $1.50; ¼ lb., 40c.; oz., 15c.; pkt., 5c., postpaid.

Very Early Scarlet.—(French Horn.) For forcing; nearly round; inches in diameter. Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

NANTES HALF LONG, Early.

This is the sweetest of all Carrots, of good shape and size. The roots are st cylindrical, very smooth, grow about 6 inches long. Leaves fine, flesh ely red, *very sweet* and almost entirely without a core. They are easily d and keep well. Like all Carrots, it likes a rich, deep, mellow soil, free stones. A most excellent sort. Lb., 65c.; ¼ lb., 20c.; 0c.; pkt., 5c.

IMPROVED LONG ORANGE.

well-known sort, roots long, thickest near the crown, tapering regularly to a point, color deep orauge; suitable for the table naiu field crop. ☞Our strain of this is excellent. 50c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.

GUERANDE, or OXHEART.

thick Carrot, 5 inches long and very blunt at the extremity. It grows very rapidly and the roots a weight of more than a pound. It is tender, of lavor and of a deep red color, and a variety we can mend to all market gardeners. Lb., 60c.; 20c.; oz., 10c.; pkt, 5c., postpaid.

MASTODON. *THE Carrot for Stock.*

Half Long Danvers.—A very good strain of this sort. Lb., 60c.; ¼ lb., 20c.; oz., 7c.; pkt., 3c.

Early Short Scarlet.—(Dutch Horn.) Stump-rooted; about four inches long. Lb., 60c.; ½ lb., 20c.; oz., 10c.; pkt., 5c.

James' Intermediate.—This variety nearest resembles the Danvers, is thicker at the shoulder, and pointed. Lb., 50c.; ¼ lb., 20c.; oz., 7c.; pkt., 3c.

CARROTS FOR STOCK.

These are undoubtedly the most valuable of all the roots usually grown for stock. They are more nutritious than Turnips and nearly all animals like them and are benefited by them. The seed may be sown at any time in April until the end of May. Sow from 4 to 6 pounds of seed to the acre.

Long White Green Top Belgian and Large Orange Belgian

They grow about 20 inches long, partly above ground and are enormously productive, keep well and are very nutritious. Price, each, lb., 40c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.; 5 lbs., $1.60, all postpaid.

Long Scarlet Altringham.—Lb., 50c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

MAMMOTH WHITE VOSGES.

A field variety; one of the best for feeding cattle. The roots are very broad at the neck, narrowing abruptly to the point; they are about 8 inches long, with a diameter of from 4 to 5 inches. It is easily pulled and is especially suitable for shallow soils. Lb., 45c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.; 5 lbs., $1.75, all postpaid.

The Mastodon Carrot.

This is the heaviest cropping Carrot grown, yielding more tons to the acre than any other sort. The flesh is white, solid, crisp and very sweet, the roots are short and very heavy at the shoulder, which allows them to be harvested very easily. They do not break easily in pulling or storing, owing to their solidity and shape. One of the most profitable Carrots; cattle and horses like it.

Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c., postpaid; by express, 5 lbs., $2.25.

VAUGHAN'S EXTRA SELECTED SWEET CORN. SEE ALSO NOVELTIES.

EARLY CHAMPION.

Reproduction from photograph.

Natural size of ripe ear.

EARLY CHAMPION.

The Earliest Large Sweet Corn.

Produces ears 12 inches long in 60 days. This new variety is, without question the earliest large Sweet Corn yet introduced, being only a few days later than the first early small sorts. Ears nearly as large as the Mammoth twelve-rowed; pure white kernels, with medium sized white cob; very sweet, tender and full of milk, yielding from two to three ears to the stalk. The best kind for early and late planting.

OUR SWEET CORN PRICES on packets only include postage, all the other prices are net. If to go by mail, add 5c. to the pint prices, and 10c. per quart for postage.

	Pkt.	Pint.	Qt.	½ Pk.	Pk.	Bush.
Mammoth White Cory	.10	.15	.25	.70		
Early White Cory	.10	.12	.20	.45	.70	$2.30
Extra Early Vermont	.10	.12	.20	.50	.75	2.50
Early Cory	.05	.10	.15	.45	.65	2.00
First of All	.05	.10	.15	.40	.60	1.85
Burbank's Early Maine	.10	.12	.20	.50	.75	2.50
Early Champion	.10	.12	.20	.50	.75	2.50
Kendal's Early Giant	.10	.15	.25	.60	1.00	3.50
Perry's Hybrid	.05	.10	.15	.45	.65	2.00
Adams' Early	.05	.10	.15	.40	.60	1.85
Early Minnesota	.05	.10	.15	.40	.60	1 85
Chicago Market	.05	.10	.15	.40	.55	1.75
Early Crosby	.05	.10	.15	.40	.60	1.85
Moore's Early Concord	.05	.10	.15	.45	.65	2.00
Old Colony	.05	.10	.15	.45	.65	2.25
Country Gentleman	.10	.12	.20	.45	.75	2.50
Black Mexican	.05	.10	.15	.45	.65	2.00
Hickox	.05	.10	.15	.40	.60	1.85
Egyptian	.05	.10	.15	.45	.65	2.00
Late Mammoth	.10	.12	.20	.50	.75	2.50
Zig Zag Evergreen	.05	.10	.15	.45	.65	2.25
Stowell's Evergreen, Eastern	.10	.12	.20	.50	.75	2.50
" " " Western	.05	.10	.15	.45	.65	2.00

Sweet Fodder Corn, bush., $1.25; 5 bu., $5.00; 10 bu., $9.00.

Early White Cory.

The best extra early for the market and the home garden.

Selected for white cob and white kernels from the original and earliest Cory, and is now a good length **ahead of all the crack earlies,** no matter what their names are. For a strictly first early for market and home use, you can't be far wrong with **Early White Cory.** The ears are larger and better filled out than those of the red cob Cory and become fit for use a little earlier. We offer Northern grown, extra early, matured seed.

EXTRA EARLY VERMONT.

Of superior quality with a pure white cob 6 to 8 inches long, well filled to the top with 8 rows of very large, pure white kernels. It is extremely early, being fit for the table or market at least 8 days earlier than the red cob Cory, has a larger ear, is better in quality and is not liable to smut. A large proportion of the stalks have 2 good ears. All will readily see that the **Extra Early Vermont** with its large, handsome ears, with white cob and grain and its extreme earliness will take better in any market than the varieties with a red cob and grain, and will, in fact, be **the market man's money maker.**

BURBANK'S EARLY MAINE.—It has a **pure white cob** with a **rich, cream white kernel,** sweet and juicy. Shows none of the red shade like Cory and Marblehead when cooked for the table. **A fine ear of good size.**

PERRY'S HYBRID.—There is no better second early for the market gardener. It is nearly as early as Early Minnesota, but makes a larger ear.

MOORE'S EARLY CONCORD.—Comes into use after Perry's Hybrid. The quality is **very good,** being much like that of the Early Crosby. The grain when cooked is remarkably white.

OLD COLONY.—A sweet, tender sort, with large, handsome ears, 16 to 20 rowed. A selection of Evergreen type. Compared with Country Gentleman it is more productive, the ear and grain being much larger and the skin less tough. It is one of the most productive of all the Sweet Corns; we call it one of the best of the late sorts either for market or the home garden.

COUNTRY GENTLEMAN.

One of the sweetest of all Sweet Corns and also **one of the most productive sorts,** the stalks averaging three ears, sometimes as many as five; kernels and cobs are pure white; cob small, kernels deep, ears average 9 inches in length. The only fault we can find with this kind is that the skin of the kernels is rather thick and somewhat tough.

BLACK MEXICAN.—Although the ripe grain is bluish black, the corn when fit for the table cooks remarkably white and is surpassed by none in sweetness and tenderness. Those who know this corn consider it the most desirable of the second early varieties.

Stowell's Evergreen Sugar Corn.

The Best Late Sweet Corn In Every Way.

Being large eared, hardy and productive, sweet and tender, and remaining a long time in condition suitable for cooking, there is no other late Sweet Corn which can compare with it. Our seed being most carefully selected for depth of kernel, size of ears, and freedom from flint and glaze, we know that it will give entire satisfaction.

Stowell's Evergreen. Engraved from Photograp

The 3 Best SORTS OF Sweet Corn FOR SUCCESSION.

SPECIAL OFFER.

Early White Cory.
Early Champion.
Stowell's Evergreen.

By Mail Postpaid. At Buyer's Exper

One packet each of the 3 kinds,				25c.
One pint	"	"	"	45c.
One quart	"	"	"	75c.
One-half peck	"	"	"	$1
One peck	"	"	"	1
One bushel	"	"	"	6

To secure a more complete succession we consider besides the above three kinds, the Black Mexican, Old Colony a Country Gentleman, the most suitable sorts.

CUCUMBER.

☞Our prices on ¼ lbs. and lbs. include postage; if to go at buyer's expense, deduct 2 cts. from ¼ pound and 8 cts from pound prices.

Westerfield Chicago Pickle.

Like our Bridgeport Cabbage, Chicago Market Melon and Giant Golden Heart Celery, this is a specialty first sent out by us, now become a standard variety among the gardeners and seedsmen. We supply the leading growers of the country with our *selected seed* ***It is undoubtedly the best Cucumber for pickles,*** and is used almost exclusively by our pickle factories. The fruit is of medium length, pointed at both ends, with large and prominent spines; color deep green; begins to set its fruit when the vines are quite young. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c *Selected (Stock) Seed,* as supplied to our grower for our own sowing. Lb., $2.00; ¼ lb., 60c.; oz., 20c.; pkt., 10c.

Japanese Climbing Cucumber.

This is a strong and vigorous grower, the vines attaining nearly twice the length of common varieties. The young plants are bushy, but as soon as they become well established they begin to climb, and may be grown on fences, poles or trellises, thus saving much valuable space in small gardens or where land is dear. It is estimated that with this Cucumber *the product of a given area can be increased three fold* The fruits are from 10 to 12 inches in length; of a fine green color; the flesh is thick and firm, never bitter, and fine for pickling as well as slicing. It is very prolific, and the fruits being raised well above the ground, *never suffer from wet weather or insects*; proof against mildew; bear till late. Lb., $1.50; ¼ lb., 40c.; oz., 15c.; pkt., 10c.

Siberian.—This has proved to be *the earliest sort in cultivation*, producing Cucumbers five inches long in about 55 days. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Extra Early Green Prolific.—Like Green Prolific, but from *10 days to 2 weeks earlier* in season. Lb., 60c ; ¼ lb., 20c ; oz., 10c.; pkt., 5c.

Bennett's White Spine.—Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

HILL'S FORCING.—An extra early, improved strain of White Spine. It is of very uniform size and shape, very productive of extra fine flavor, and equally valuable for frame culture and outdoors. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Extra Long White Spine.—They grow 10 to 12 inches long, and when about 5 inches long make good pickles. Lb , 60c.; ¼ lb., 20c.; oz., 10c ; pkt., 5c.

Evergreen White Spine.—This new sort grows extra long, is *very early and prolific.* It differs from the other strains of White Spine in the fact of *always remaining of deep green color.* Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

White Wonder.—This Cucumber grows about 8 inches long and 2 inches thick; color, ivory white; the flesh is very solid and of very fine flavor. It remains in good condition for a long time. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Improved Long Green.—Produced by selecting from the Long Green; forms fruits fit for the table nearly as early as the shorter sorts; about 12 inches long, firm and crisp, with very few seeds. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt , 5c.

Giant Pera.—One of the largest long green Cucumbers. Skin perfectly free from spines; flesh crisp and white. Lb., 85c.; ¼ lb., 25c.; oz., 10c ; pkt., 5c.

GIANT WHITE.—The fruits are always of a pure waxy white from the time they are first set until matured; uniform, straight and perfectly smooth. Oz., 20c.; pkt., 5c.

Chicago Giant (Goliath).—Fruits of this variety are long, 14 to 18 inches, cylindrical in shape crisp and firm, and are fit for the table almost as early as the shorter sorts; are almost solid meat, being *nearly seedless.* ½ oz., 30c.; pkt., 10c.; 3 for 20c.

NEW EVERBEARING.—Lb. 60c.; ¼ lb., 20c.; oz., 15c.; pkt., 5c.

Serpent, or Snake.—Grows curled up like a snake. Often 6 feet in length. 10c.

Livingston's Evergreen.—Prolific. Lb., 75c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Improved White Spine.—Lb , 50c ; ¼ lb., 15c ; oz., 7c.; pkt., 3c.

Early Netted Russian.—Lb , 60c ; ¼ lb.; 20c.; oz. 10c.; pkt., 5c.

Green Prolific, or Boston Pickling.—Lb., 50c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.

Nichol's Medium Green.—Lb., 60c.; ¼ lb., 20c.; oz., 7c ; pkt., 3c.

Early Frame.—Lb., 50c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.

Early Cluster.—Lb., 50c ; ¼ lb , 15c.; oz., 7c.; pkt., 3c.

English Frame, or Forcing Cucumbers.

Rollison's Telegraph.—18 inches long. Pkt., 10c.

Noa's Forcing.—Excellent; prolific. Pkt., 15c.

Gherkin. *For Pickles.*

A very small, oval, prickly sort, distinct from all others. It is grown for pickles only. It is the smallest of the Cucumbers and should be pickled when young. The seeds germinate slowly. Lb., $1.25; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

Cool and Crisp.

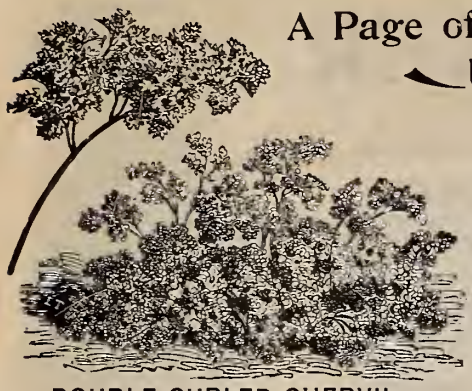
The skin is a *very dark green*, almost black, and covered with knobs, upon which the spines set, which gives the pickles a very attractive appearance. They are *very early and prolific.* As a Cucumber for slicing it is splendid. Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

Parisian Prolific Pickling.

A slim and slender Pickle, from 3 to 5 inches long, covered with black, hairy spines. The fruits are of the deepest green, which combined with its brittle crispness render it an ideal pickle. When in the pickling stage the Cucumbers show no sign of seed. Lb., $1.50; ¼ lb., 50c ; oz., 15c.; pkt., 5c.

Chicago Giant (Goliath) Cucumber.

A Page of Little Known but USEFUL VEGETABLES.



DOUBLE CURLED CHERVIL.

Koerbel—Cerfeuil.

The leaves are aromatic and are used for seasoning, in salads and for garnishing.
Lb., $1.50; ¼ lb., 40c.; oz., 10c.; pkt., 5c.

CARDOON.

Kardon—Cardon.

The blanched stalks or ribs of the inner leaves are often used as a winter vegetable, as well as the main root and they are excellent. Pkt., 5c.; oz., 15c.

WATER CRESS.

Wasser Kresse—Cresson de fontaine.

The pleasant and peculiar flavor of the Water Cress, causes it to be higbly esteemed for table use. Its culture can be carried on anywhere where there is sufficient supply of fresb, pure water; it is not even necessary it should be running water; it can be renewed often enough to keep it clean and pure. It can be grown without water even, in tubs filled with good soil and kept in a most shady position with an occasional watering. Our packages contain full cultural directions.
Oz., 40c.; pkt., 10c.; 3 for 20c.

Dandelion.

Erfurt Kohlrabi.

DANDELION.

Loeweuzahu—Dent-de-liou.

Dandelion as a MONEY CROP is fast becoming the favorite spring green in the market.

Thick Leaved or Cabbaging.—An improvement on the common sort, the leaves being double the size.
Oz., 40c.; pkt., 10c.

—Improved.— Very early and wholesome greens.
Oz., 50c.; pkt., 10c.

EGG PLANT.

Vaughan's Improved New York Large Purple.

Very large and smooth, fine dark color. Ours is the spineless plant, most preferred by our market gardeners, both east and west. We make the most careful selection possible of our stock plants, and know it to be unsurpassed for the market. Lb., $3.50; ¼ lb., $1.00; oz., 35c.; ½ oz., 20c.; pkt., 10c.

White Pearl.—The fruit is pure creamy white, with slight shading of a very ligbt greeu near the stem; beautiful in shape, and as large or larger tban the purple; flavor superior, delicate, fine grained; good boiled and fried. Oz., 40c.; ½ oz., 20c.; pkt., 10c.

Black Pekin.—Fruit round, almost black, flesh white; very solid; fine grained and delicious; very early and almost as large as the later sorts. Lb., $2.50; ¼ lb., 70c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

Very Early Dwarf Purple.—Earliest of all. It resembles the New York Improved in shape and color; is smaller and earlier; valuable for northern sections. Lb., $2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

CHICORY.

Cichorie—Barbe-de-Capucin.

The leaves are used as salads, either in their natural state or blanched, with oil and vinegar. The leaves are used to mix with or as a substitute for coffee.

Large Rooted Magdeburgh. — Lb., 65c.; ¼ lb., 20c.; oz., 6c.; pkt., 3c.

Large Rooted Brussels or Whitloof.— Produces a white heart, which is used as a salad. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

HORSE RADISH.

Meerretting—Raifort sauvage.

If to go by mail, add 10c. per 100 for postage.

Horse Radish Sets.—(small roots.) 500 for $3.00, by express, by mail postpaid; 100 for 85c.; doz., 20c.

☞ *Write for special low prices by the thousand.*

KOHLRABI.

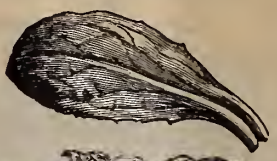
Short Top Early Erfurt. — Excellent for forcing and open ground; flesh white and very tender, leaves very short. Lb., $2.50; ¼ lb., 70c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

Early White Vienna —White, tender. Lb., $2.00; ¼ lb., 50c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

Early Purple Vienna.—¼ lb., 50c.; oz., 15c.; pkt., 5c.

Purple Goliath.—An extra large variety, used extensively for feeding cattle and sheep in winter, and an excellent vegetable for the table before fully matured. Lb., $2.00; oz., 15c.; pkt., 5c.

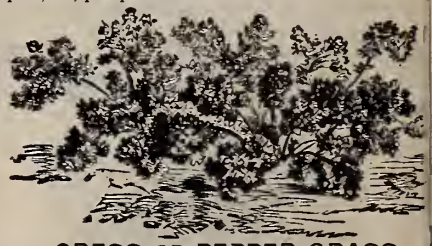
White Goliath. — Like above, but white; grows to enormous size. Pkt., 10c.



CORN SALAD.

Rabinschen oder Acker Salat—Mache.

A most refreshing salad, used extensively winter and spring as a substitute for Lettuce, cooked like Spinach. Lb., 60c.; ¼ lb., 20c.; oz., 1 pkt., 5c., postpaid.

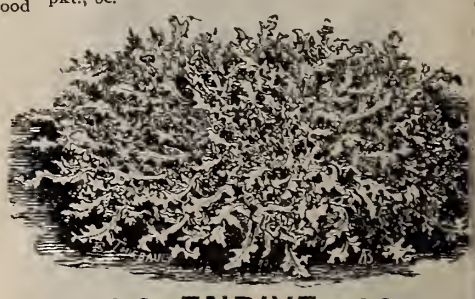


CRESS OR PEPPER GRASS.

Garten Kresse—Cresson alenois.

Curled Garden.—Lb., 45c.; ¼ lb., 15c.; oz., pkt., 3c.

New Upland Cress.—Has the highly pri flavor of Water Cress. It is so hardy as to be gr nearly the whole year, and *is ready for use be any other salad* in spring. Oz., 40c.; ½ oz., 2 pkt., 5c.



ENDIVE.

Endivien Salat—Chicoree Endive.

One of the most refreshing and attractive of autumn and winter salads. Sow seed from the mid of June uutil the end of August.

Green Curled.—A fine market sort; ten green leaves; blanch white; hardy. Lb., $1. ¼ lb., 35c.; oz., 10c.; pkt, 5c.

Moss, Very Fine Curled.—Tender, fine quality. Lb., $1.50; ¼ lb., 45c.; oz., 15c.; pkt., 5c.

Broad Leaved.—Leaves large, broad slightly curled; tie up for blanching. Lb., $1.10; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

Ever White Curled. — Large leaves, pale green, very crisp and tender. Lb., $1.40; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

GARLIC.

Knoblauch—Ail.

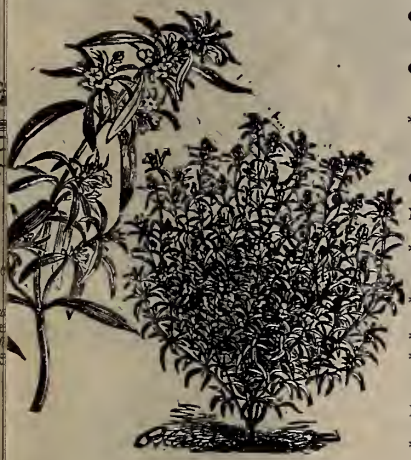
Bulbs, per lb., 20c.; 3 lbs. for 55c., postpaid.

☞ *Write for special low prices on larger lots.*

Horse Radish.

PAGE OF SWEET OT AND MEDICINAL HERBS.

Sweet Marjoram—Majoran—Marjolaine.



Summer Savoy—Bohnenkraut—Sarriette.

Rosemary—Rosmarin—Romarin.

FOR flavoring soups, meats, etc., a few pot and sweet herbs are necessary for every garden. If they are to be used during the winter, the stalks should be cut on a dry day, when not quite in full bloom. They should then be dried quickly in the shade, and when dry be packed closely in boxes, with the air entirely excluded.

Varieties preceded by an * are perennials.	PKT.	OZ.
ANISE.—Used for garnishing, seasoning and for cordials	$ .03	$ .10
***BALM.**—Used for making balm wine and tea	.05	.15
BASIL, Sweet. — The leaves are used for flavoring soups, stews, and highly seasoned dishes	.05	.15
BENE.—The leaves immersed in a tumbler of water make a drink very beneficial in cases of dysentery	.05	.15
BOHNENKRAUT.—See Summer Savory.		
BORAGE. — Flowers excellent for bees. Leaves used in salads. The flower spikes can be used in cooling drinks. ¼ lb., 40c.	.05	.15
***CARAWAY.**—Seeds are used for flavoring bread, pastry, meats, etc. ¼ lb., 20c.; lb., 50c.	.03	.07
CASTOR OIL PLANT. — The seeds yield the castor oil of commerce and are also used to drive away moles. ¼ lb., 15c.	.03	.07
CATNIP or Catmint.—Grown for bee pasture. The leaves and young shoots are used for seasoning	.10	.40
***CHIVES.**—Used for seasoning. Plants, per clump, 10c.; doz., $1.00. By mail add 5c. per clump for postage. Seed, ½ oz., 25c	.10	.40
CORIANDER.—The seeds are used for flavoring. ¼ lb., 15c.; lb., 45c	.03	.07
DILL.—Leaves are used in pickles and for flavoring soups and sauces. ¼ lb., 20c.; lb., 60c.	.03	.07
***FENNEL.**—The leaves boiled are used in fish sauces, and are beautiful for garnishing. The seeds are used for flavoring. ¼ lb., 25c.	.05	.10
***HENBANE.**—The growing plants are supposed to absorb malaria	.05	.20
***HOP SEED.**—Pkt., 25c.		
***HOREHOUND.**—The leaves are used for flavoring, and also in the manufacture of a cough remedy	.05	.15
HYSSOP.—The tops and flowers are used for Hyssop tea	.05	.15
***LAVENDER.**—The leaves are sometimes used for seasoning, but the plant is chiefly grown for its flowers which are used in the manufacture of perfumery	.05	.15
MARJORAM, Sweet. — The leaves and the ends of the shoots are used for flavoring in summer and it is also dried for winter use. ¼ lb., 35c.; lb., $1.00	.05	.10
***PENNYROYAL.**—Leaves are used for seasoning puddings and various dishes	.10	
PEPPERMINT. — The leaves and stems are used for flavoring, but particularly for the distillation of the essence of peppermint. 25 seeds, 10c.; 100 seeds, 30c.		
POT MARIGOLD.—The flowers are dried in the shade, and are used for coloring butter	.05	.10
PIMPINELLA. — The young tender leaves are used as salad; they have a flavor resembling that of cucumbers	.05	.10
***ROSEMARY.**—The leaves are used for seasoning	.05	.20
***RUE.**—For medicinal purposes; good for fowls for the croup	.05	.15
SAFFRON.—Used in coloring certain dishes, also for flavoring	.05	.15
SAGE.—Leaves and tops are used for seasoning and stuffing. ¼ lb., 35c.; lb., $1.25.	.05	.10
SUMMER SAVORY. — The leaves and young shoots are used for flavoring, especially for boiled string beans. ¼ lb., 25c.; lb., 80c	.05	.10

Borage—Gurkenkraut—Bourrache.

Lavender—Lavendel—Lavande.

Tarragon—Esdragon.

***TARRAGON.**— Valued for the use of its aromatic leaves in seasoning or in salads; also for Tarragon Vinegar. Plants, each, 15c.; 2 for 25c.; 5 for 50c.; 12 for $1.00; seed, pkt., 10c.

Tagetes Lucida.—Is an excellent substitute for the true Tarragon. Pkt., 5c.; oz., 30c.

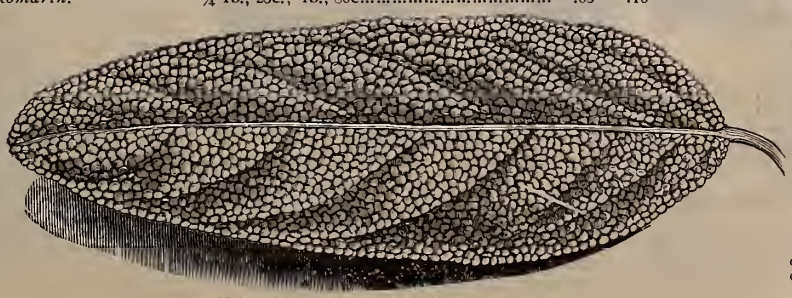
THYME.—Used for seasoning; a tea is also made for nervous headache. Pkt., 5c.; oz., 40c.

***Winter Savory.**—A perennial; for seasoning. Pkt., 5c.; oz., 15c.

***Wormwood.**—Beneficial for poultry; should be planted in poultry yards. Pkt., 5c.; oz., 15c.; ¼ lb., 55c.

Holt's Mammoth Sage.

The plants are of strong wth, attaining to a height of foot the first season, and ead so that a single plant ers a space 3 ft. in diameter. illustration shows a leaf of ural size, they are borne well ve the ground, and are of unal substance, strong in flavor, of superior quality. It is perly hardy and attains a still er growth the second season. oes not seed. Price, each, 15c.; r 25c.; 7 for 50c.; 15 plants for 0, by mail, postpaid.



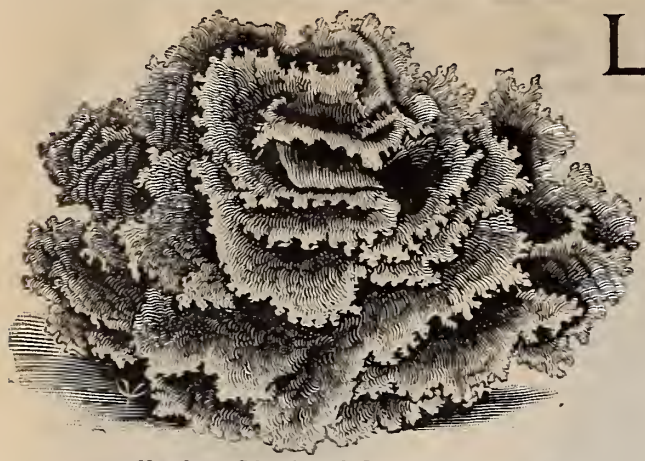
Holt's Mammoth Sage (plants only.)

Hopedale, Ill.—I was well pleased with the seeds you sent me; they all did very well. Mrs. C. Heiser.

Famoth, Ill.—This is my second or third order to you this spring, for seeds, etc. I have dealt with you many years, and our dealings have always been satisfactory. A. B. Agnew, M. D

LETTUCE.

SEE ALSO NOVELTIES.



Vaughan's Selected Black Seeded Simpson.

VAUGHAN'S SELECTED STOCK

BLACK SEEDED SIMPSON.

This is by far the most popular sort among the Chicago gardeners. It forms large, loose leaves of ideal color; the leaves are large, thin, very tender, and of very good quality. It is one of the best sorts for use under glass as well as for early outdoor planting. Our seed of this has been most carefully selected, and we sell large quantities to market gardeners.

Lb., $1.25; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

EARLY CURLED SIMPSON.—(White seeded.) One of the best of the "Leaf" Lettuces. Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

THE NEW "MORSE."—A careful selection from the Black Seeded Simpson by a seed grower of large experience. Very desirable for growing under glass or out of doors; style of growth resembles the Grand Rapids; leaves beautifully wrinkled and of brilliant green color. One of the best for Spring and Summer use. Quality the very best. Lb., $1.25; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

Westover, Penn.—The "Morse" Lettuce is as fine as I ever grew, and I have tested a good many kinds. It was nice to use all summer. Wm. L. Zimmerman.

DENVER MARKET FORCING.

An early variety of Head Lettuce, either for forcing or open ground. It forms large, solid heads of good, light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like the Savoy Cabbage), very crisp and tender, and of excellent flavor.

Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

Vaughan's Mammoth Cabbage Head.

This remarkable Lettuce is the hardiest and most solid heading and the largest size of any in our list; it forms heads nearly as large as the Summer Drumhead Cabbage, and for compactness and solidity it is unequaled; it is of a beautiful light green color with inner and under sides of the leaves almost creamy yellow. Its shipping qualities are excellent.

Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

BLONDE BEAUTY.

It resists the heat to a remarkable degree, and is also an excellent keeper after being cut; is tender, crisp, sweet and juicy when many sorts have become tough and bitter. It is a distinct sort, and one which we can recommend as a superior sort for shipping and the home garden. Lb., $1.25; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

Perpignan, or Defiance Summer.

Unequaled for long standing. One of the finest new varieties of Head Lettuce, which stands the summer heat better than any other. It forms very large, solid heads, so firm that they have to be cut open to allow the flower shoots to come through. The leaves are light green. Lb., $1.00. ¼ lb., 30c.; oz., 10c.; pkt., 5c.

STANDARD SORTS.

Any of the following:
Lb., 75c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c., postpaid.

Brown Dutch, The Deacon, Silverball.
Tomhannock, Golden Stonehead,
Salamander, Black Seeded Tennisball,
Chartier Pink, Ferry's Prizehead,
White Cabbage, Henderson's New York,
Stubbornhead, Green Fringed,
White Seeded Tennisball, Oak Leaved,
Gray, or Yellow Seeded Butter,
Early Curled Silesia, Tilton's White Star,
Boston Curled, Ninety and Nine,
Rawson's Hot-House, Trianon Cos.

IMPROVED HANSON.—Forms very large, firm heads, resembling a cabbage, which are deliciously sweet, crisp and tender; heads green outside and white within; for outdoor culture unexcelled. It is one of the best heat-resisting sorts.

Lb., 75c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

PARIS WHITE COS.

Cos Lettuces have come into favor, and rightly so, for their crisp and tender leaves are delicate and refreshing.

Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

St. Louis Butter Head.—This is a great favorite with our Chicago gardeners, owing to its solidity, crispness and good flavor. It withstands the summer heat extremely well and is slow to run to seed. We can highly recommend it.

Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

LEEK.

Broad Scotch, or London Flag.
Hardy. A large, strong plant, with broad leaves. Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

LARGE MUSSELBURGH.—Enormous size; leaves large and broad; mild, pleasant flavor. Lb., $1.35; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

ROUEN, Very Large Winter.
Large and excellent; enormous in size; best for forcing. Lb., $2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

GRAND RAPIDS FORCING

The Best Sort for Shipping.

This grand new forcing variety *stands more neglect* in the way of watering and ventilation, *will grow more weight* on the same grouud, aud *stand longer after maturing* than the Black Seeded Simpson. It is of handsome appearance, a strong grower, and uot apt to rot and will keep from wilting longer while exposed for sale than any other. Its upright habit admits of very close planting. A quick grower.

Lb., $1.25; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

CHICAGO FORCING.

This is distinctly a Lettuce for greenhouse forcing being of *rapid growth, excellent flavor, crisp and tender*. It can not be excelled for the home market, being much more tender than the Grand Rapids. It is an extraordinary hardy variety and does not wilt when exposed for sale. Lb., $1.50; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

RUDOLPH'S FAVORITE, OR BUTTERCUP.

A very attractive Cabbage Lettuce; large size, crisp and delicate in flavor and very desirable for either winter or summer use, as well as for forcing. Forms a fine, large solid head, and is remarkable for its fine foliage.

Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

BIG BOSTON.—Resembles the well-known Boston Market Lettuce; produces heads almost double the size, matures a week later. A valuable sort for open ground or forcing. Lb., $1.25; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

ICEBERG.—The leaves have small indents which are constantly filled with dewdrops, thus keeping them always fresh and giving them a crystalline appearance, hence its name. The Iceberg is the hardest heading sort we know. An excellent Lettuce for home garden and market. Lb., $1.25; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

best of satisfaction. Any one buying your seed gets their money's worth every time.
Maillouxville, Mass.

Goldendale, Wash.—Your prices are "right." you have put in a *very generous* amount of valuable extras, and above all, you have *shipped promptly*.
Rudolf Stuebeck.

Vaughan's Original Osage Musk Melon.

MUSK MELON.

See also Novelties.

☞ *Special prices on 5, 10 and 20 pound lots.*

Vaughan's Original OSAGE.

WE first introduced it, and we have maintained its quality by paying ten times ordinary prices for special watchfulness in seed saving. This distinct, high quality table melon has become more widely known by name, and everywhere liked and sold than any other new melon.

The OSAGE is distinct in outside appearance, dark skinned and but little netted. The meat is of a peculiar rich orange, *extra deep fleshed*, and always of **extra good flavor.**

Lb., 60c.; ¼ lb., 20c.; oz.,10.; pkt., 5c.

ORIGINATOR'S SELECTED STOCK SEED.

Such as we supply seedsmen and seed growers. Lb., $2.50; ¼ lb., 75c.; oz., 25c.; pkt., 10c.

EARLY NETTED GEM.—This is a **leader** in the Chicago market as well as those of other western cities. Shipped in baskets in immense quantities, it is known and liked both for quality and its convenient size for restaurant and hotel use. We have a steady and increasing demand from gardeners and dealers for best seed of this melon, and such we have carefully selected each year, dividing into two types, the round and the oval, blending into each other somewhat, yet retaining in both the excellent netting characteristic of the Genuine Netted Gem. They are regularly ribbed, evenly netted, thick meated, extremely early and of excellent flavor. Well grown specimens average uniformly about one and one-half pounds.

Oval Netted Gem.—Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt. 5c.

Round Netted Gem.—Lb., 55c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

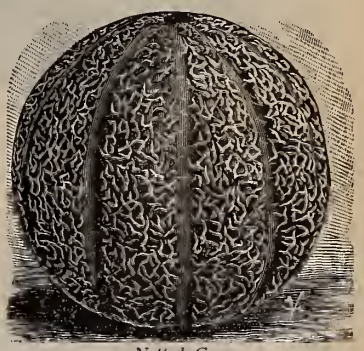
Vaughan's Ironclad Musk Melon.

Green Fleshed Osage. Quality of the best, flesh a beautiful pea-green; also a good shipper. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt. 5c.

GIANT CHICAGO MARKET. It is a type of our well-known Chicago Market Musk Melon, equal to it in quality, which we hold to be of the **very sweetest**, but **much larger** and **very** productive. It is decidedly ribbed, extra well netted, with very thick green flesh.

Lb., $1.25; ¼ lb., 35c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

Grand Rapids. **The Earliest Large Musk Melon.** A new, extra early, yellow fleshed sort of handsome shape. It is a most profitable sort to the gardeners on account of its size, attractive appearance and **its extreme earliness.** Its flavor is not of the best, but it is ready for market before any other large Melon can be picked, and that fact insures quick sales. Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.



Netted Gem.

Vaughan's Ironclad.

The Musk Melon for Long Distance Shipping.

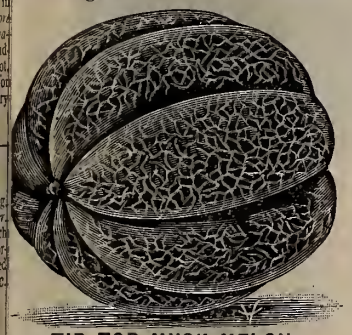
It is with the second early sorts in ripening, flesh thick, deep yellow and very sweet. A strong viner and very heavy cropper. It has been bred for years to secure a **thick, leathery, shell-like skin** with heavy, coarse, protective netting, with the idea of making it a **perfect shipper.** It is now fixed in type and fills the place of a yellow fleshed shipping Melon. Its **quality is good.** Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

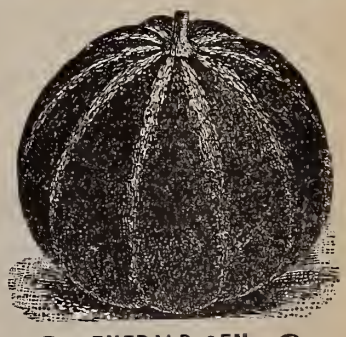
The BANQUET. A medium sized melon of perfectly round shape, densely netted over its entire surface. The flesh is dark rich salmon color, and uniformly thick. In flavor it is unsurpassed, rivaling the Emerald Gem. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

CHICAGO MARKET. **This we consider the best Nutmeg** for earliness of maturity, large and uniform size, thickly netted skin, small seed cavity, deep green flesh, juicy delicious flavor, and freedom from rot. A favorite with all who prefer a green-fleshed sort. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Selected Seed. Lb., $3.00; ¼ lb., 80c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.

COSMOPOLITAN.—Medium sized, round, with no ribbing, and densely netted. The flesh is green, very thick and highly flavored.
Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.





TIP TOP MUSK MELON.

A melon we recommend to every lover of this luscious fruit and to every gardener who grows for the market. It is a yellow-fleshed melon of the very best quality, every melon produced, big or little, early or late in the season, is a good one. They are sweet, juicy, of finest flavor, eatable to the very rind. It is a strong grower and a heavy yielder, and of handsome appearance. Our seed is grown from introducer's stock and is reliable in every way. Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.; 5 lbs., by express, at buyer's expense, $2.00.

Champion Market. The *flesh is thick, light green* in color, and of *very rich, sweet flavor. It is as early as the Netted Gem*, which it resembles in shape and appearance, but is fully *three times larger*; very prolific and a good shipper. Lb., 70c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

MELROSE.—One of the best Melons for the home and market. The flesh is thick, solid, and of light green color. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

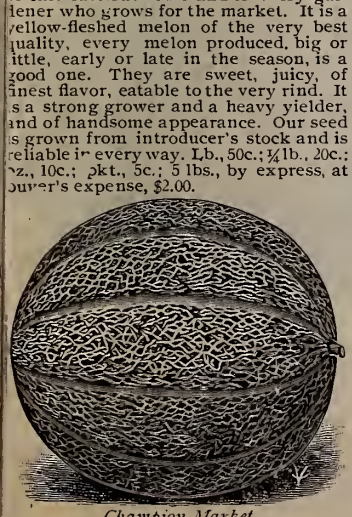
Extra Early Hackensack. This is a selection of the old Hackensack, which it resembles, but is **fully 10 days earlier.** The melons weigh from 4 to 10 pounds, and are of excellent flavor. Those who grow for market should remember that it is one of the *best, as well as the earliest*, hardiest and most prolific of Netted Musk Melons. This stock was grown for us by a most reliable Eastern Market Gardener Seed Grower, and is the best type we have ever seen.
Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

HACKENSACK.—Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

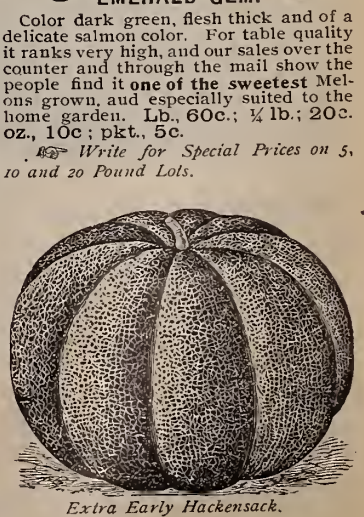
EMERALD GEM.

Color dark green, flesh thick and of a delicate salmon color. For table quality it ranks very high, and our sales over the counter and through the mail show the people find it **one of the sweetest** Melons grown, and especially suited to the home garden. Lb., 60c.; ¼ lb.; 20c. oz., 10c; pkt., 5c.

☞ *Write for Special Prices on 5, 10 and 20 Pound Lots.*



Champion Market.



Extra Early Hackensack.

OTHER STANDARD MUSK MELONS

which we supply at these uniform prices:

☞ Lb., 60c.; ¼ lb., 18c.; oz., 7c.; pkt., 3c., postpaid. ☜

THE NEWPORT.	SUPERIOR.	Extra Early Giant Prolific.
Perfection.	**Triumph.**	**Thorburn's Giant.**
THE PRINCESS.	BALTIMORE ACME.	EXTRA EARLY NUTMEG.
IRONDEQUOIT,	SHUMWAY'S GIANT.	**Improved Cantaloupe.**
Bay View.	EARLY NUTMEG.	**Long Island Beauty.**
DELMONICO.	**Southern Beauty.**	**New Orleans Market.**
Banana.	**Montreal Market.**	

☞ *Prices on ¼ pounds and pounds include postage; if to go by express, deduct 2 cents and 8 cents respectively.*
SEE ALSO NOVELTIES.

Water Melon

VAUGHAN'S BLACK DIAMOND.

VAUGHAN'S BLACK DIAMOND.

A cross between Kolb's Gem and Hoosier King. All that could be said of tl Kolb's Gem as to good shipping qualities can be truthfully stated in a higher d gree of the BLACK DIAMOND. All the praise of high quality bestowed on tl Sweetheart as to its "cutting" nicely and peculiarly sweet flavor, can be repeate of our new Melon, but its prominent point of merit is its **extreme size**—r Melon ever yet produced anything like so uniformly large fruit nor approaching in **productiveness. Melons weighing from 75 to 90 pound** are frequent and cars are loaded with specimens averaging 30 to 35 pounds each t the whole car. **It is the most prolific Water Melon ever planted** The most distinctive point in its appearance is its color, which is a rich, dar green, almost black and of such a shiny luster it produces an effect as if the frui were varnished. Of uniformly symmetrical shape, roundish to bluntly oval, an this similarity of shape running through the whole field. The habit of the vine extremely vigorous and when planted at the same time as the older standard vari ties the vine growth is more rapid. Commission men give it the preference ov any other Melon which they have handled.

Pkt., 10c.; oz., 15c.; ¼ lb., 30c.; lb., $1.00; by exp., 5 lbs., $

Jones' Jumbo. This is the only Melon we know of that ever eclipse Kolb's Gem in the Northern markets. The shape is round color green, with faint lightish stripes; deep red meat, surpassing all other varietie in flavor and size, and as a market Melon sells more rapidly and for higher price Lb., 60c.; ¼ lb., 20c. oz., 10c.; pkt., 5c. 5 lbs. by express, $2.00.

Hoosier King. *A Melon with exceptional qualities.* The Melons grow o long and are of an even diameter throughout their entir length. The flesh is brilliant red, very solid, sweet and luscious. The skin striped light and dark green; the rind is very thin, but *exceedingly hard*, whic renders it a valuable shipping sort.

Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c. 5 lbs., by express, $2.00.

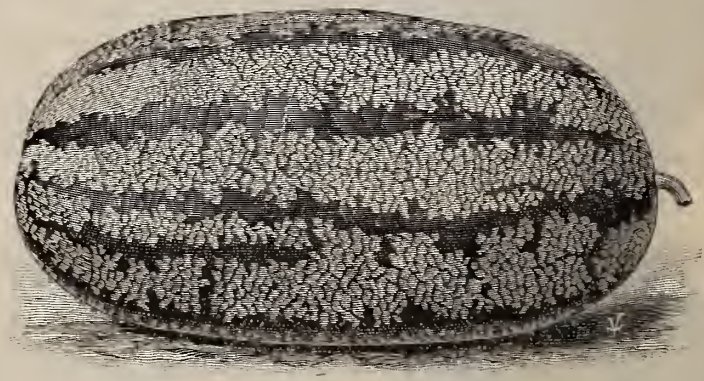
Duke Jones.—One of the largest and most productive Melons. A very good shipper and suitable for the home garden. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

The Dixie.—We can recommend it as one of the *best shipping Melons* grown. Of very fine appearance, being darker than Kolb's Gem and more beautifully striped; unexcelled for eating. Lb. 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c. By express, in 5 and 10 lb. lots, 40c. per lb.

TRUE ICE CREAM.—*The great home-market Melon.* It has too thin a rind for shipping unless packed in straw. Few, if any, surpass a *True Ice Cream* for quality and productiveness. Medium early, fruit oblong, large size, rind mottled green, flesh bright scarlet, solid to center, melting and delicious. Lb., 60c.; ¼ lb. 20c.; oz., 10c.; pkt., 5c.

FORDHOOK EARLY.—One of the earliest Water Melons that is also of large size. The Melons are nearly round, the flesh bright red and sweet. Lb., $1.00; ¼ lb., 30c.; oz., 15c.; pkt., 5c.

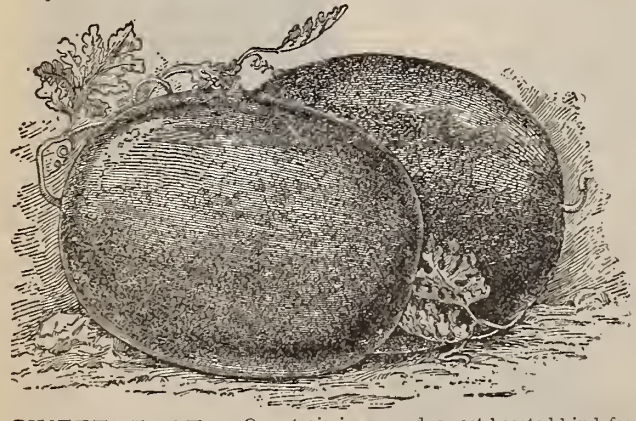
SEMINOLE.—One of the most popular sorts grown; is undoubtedly *one of the best* Melons. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.



McIVER'S WONDERFUL SUGAR MELON.

THE SWEETEST MELON GROWN.

Without a single exception, this is the sweetest Water Melon of all. The Melon attain a great weight, are of very handsome appearance, *never crack* or lose their fin flavor in the wettest season. It is a very productive and hardy variety and one that wil take the lead wherever known. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c., postpaid By express, 5 lbs., $3.00.



SWEETHEART. Our strain is a grand, sweet-hearted kind for home and market use and will hold its own in the "Water Melon patch" for many years to come. The following is an accurate description: Vine vigorous and productive, ripening its fruit early; fruit large, oval, very heavy, uniformly mottled light and dark green; rind thin but firm; flesh bright red, firm and solid, but very tender, melting and sweet. Remains in condition for use longer than any other sort; seeds gray. Lb., 60c.; ¼ lb., 20c.; 2 ozs., 12c.; oz., 10c.; pkt., 5c. 5 lbs., by express, $2.25.

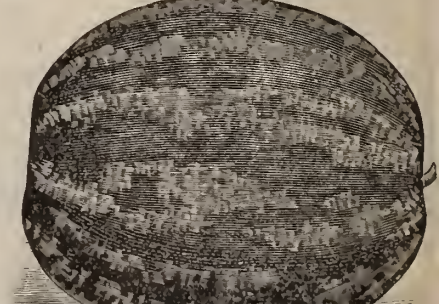
Melon Peach. Grows on a vine like a Melon and is of golden-yellow color, resembling an orange in shape and size; the flesh is snow-white. They make splendid mangoes, stuffed with Cabbage, like Peppers. When they first ripen they are tasteless, but they soon become mellow and sweet. For sweet pickles, pies and preserving they have no equal. Full directions for cooking on each packet. Large pkt., 10c.; 3 pkts. for 25c.

IMPROVED KOLB'S GEM

The seed of this is saved from large, smooth Melons of a darker mottled green than the Kolb's Gem. The Melons show a yellow blotch on the bottom. It is fully a week earlier in ripening, besides growing much larger and being a heavier yielder. Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c. 5 lbs., by express, $2.00.

COLE'S EARLY.

This is the best early Melon for the home market to-day. For sweetness and delicate texture of flesh it has no equal. The rind is thin, but brittle, and therefore not suitable for shipping; for the home market we know of none better. Extreme earliness is another point in its favor. Lb., 65c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.



COLE'S EARLY.

WATER MELONS, Standard Varieties,

which we supply at the uniform rate of: Lb., 55c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c., prepaid. Special prices on larger lots.

Red Seeded Citron. Rattle Snake. Dark Icing. Phinney's Improved. Cuban Queen. Mountain Sweet Hungarian Honey. Florida Favorite. Black Spanish. Kentucky Wonder. Colorado Citron. Long White Icing. Girardeau's New Favorite.

NEW CHINESE, or Giant Southern Curled.—The large leaves, which often measure 14 inches, are ready for use in about six weeks after sowing. Plants will continue to yield until frosty weather. Leaves are eaten boiled, like spinach.
Lb, 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

White.—Best for salads and general use. Lb., 40c.; ¼ lb., 15c.; oz., 6c.; pkt. 3c.

Brown.—Stronger and more pungent than above. Price, same as White.

NASTURTIUM.

The tender seed-pods make delicious pickles, while they produce some of the most beautiful flowers that can be grown from seed. For complete list see **FLOWER SEEDS.**

Tall Mixed.—Useful and ornamental; the green seed-pods are pickled in vinegar; the flowers are used for garnishing.
Lb., 60c.; ¼ lb., 20c.; oz., 7c.; pkt., 3c.

MUSHROOMS

Can be easily grown in an ordinary cellar or barn, and it is one of the *most profitable crops* to grow.

ENGLISH MUSHROOM SPAWN.—It comes in pressed bricks weighing about 20 ounces. These are broken up into pieces the size of a walnut and put into the bed eight inches apart each way. Price, per brick, 25c.; 5 lbs., $1.00, postpaid. By express or freight, 10 lbs., $1.20; 25 lbs., $2.50; 100 lbs., $7.50.

French Mushroom Spawn.—Put up in boxes of 2 lbs., each. Price, per box, 75c.; if by mail, $1.00. The same loose, per lb., 35c.; by mail, 45c.

Robinson's Mushroom Culture.
A book bound in cloth, giving directions how to prepare Mushroom beds and raise Mushrooms. Postpaid, 50c.

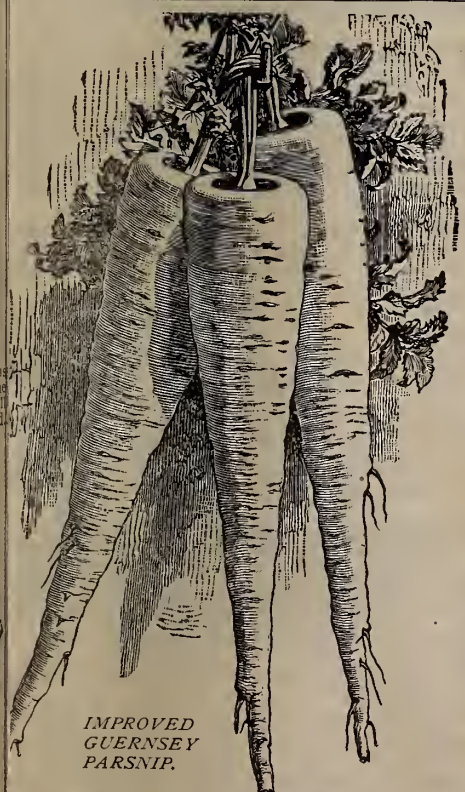
OKRA, OR GUMBO.

White Velvet.—Produces pods larger than any other. They are never prickly to the touch, always round and smooth, while in other varieties they are either ridged or square-edged. The pods impart an agreeable richness to soups and stews. Lb., 60c; ¼ lb., 20c; oz., 10c.; pkt., 5c.

Dwarf.—Early and prolific. Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Tall.—Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

MUSHROOMS, HOW TO GROW THEM.
By Wm. Falconer. The most complete book ever published in America on the cultivation of Mushrooms. Per copy, $1.50, postpaid.



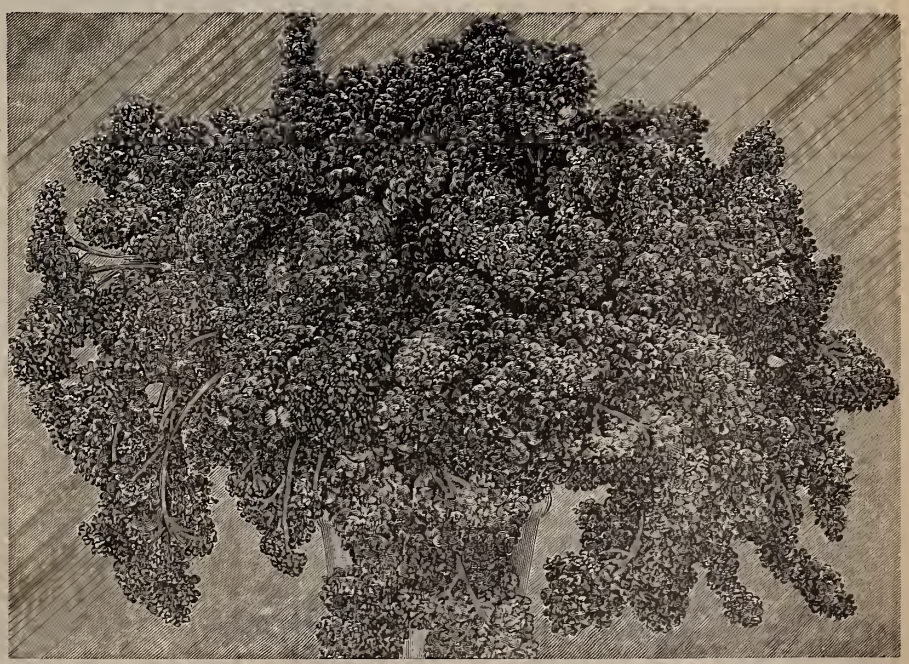
IMPROVED GUERNSEY PARSNIP.

PARSNIP.

IMPROVED GUERNSEY.—An improved strain, which has given general satisfaction. The roots do not grow so long as those of the Hollow Crown, but are of greater diameter and more easily gathered. Of excellent quality.
Lb., 45c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.

Hollow Crown, or Long Smooth.—(Abbott's Improved). Smooth, large, tender and sugary; one of the best. Our stock is very fine.
Lb., 40c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.

The Student.—A good, half-long variety, smooth and sweet. Lb., 45c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.



PARSLEY.—CHAMPION MOSS CURLED.

The Champion is a prize winning English variety, in appearance like a tuft of finely curled moss, and of a rich, deep green color. It is slow to run to seed, and very hardy; of easiest growth, a few seeds sown in onion rows use no space. Grows in window boxes.
Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c., postpaid.

DOUBLE CURLED.—Finely curled, dwarf. Lb., 50c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.

FERN-LEAVED.—Valuable for garnishing and also as ornamental foliage plants for borders of beds. Lb., 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

PLAIN.—Lb., 50c.; ¼ lb., 20c.; oz., 7c.; pkt., 3c.

HAMBURG ROOTED, or GERMAN PARSLEY.—The root, resembles a small parsnip, and is the edible part of this sort; extensively used for flavoring soups. Lb., 60c; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

MARKET GARDENERS Using seeds in large quantities may send us their lists for estimates. We can often do a little better than our catalogue prices if we know the quantities desired.

Vaughan's Pedigree Onion Seed

If to go by freight or express deduct 8 cents from the price of single pounds.

OUR advice to Onion growers last year was to "**Continue growing good Onions,**" and such advice has prove to be good. We believe more Onions will be grown this season in all favorable localities. As seedsmen, we kno the best varieties of Onions and the best sources of supply of the seed, and our customers who carefully rea the following list will find all the **paying** kinds grown in the United States and seed from the very best sources Those who have used our Onion seeds stay with us and **will not buy doubtfu seed at any price.** While our descriptions are necessarily condensed, w aim to describe each variety so that its relative value may be plain.

OUR ONION SEED PRICES.

...The prices for ¼ pounds and pounds include postage; larger lots (5 pounds and over) are net and will be sent by freight or express, the purchaser paying the charges, unless postage is added: 8 cents per pound.

	¼ LB.	LB.	5 LBS.
Ideal White Globe	$0.40	$1.40	$6 00
White Portugal, or Silverskin	.35	1.25	5.50
Philadelphia Silverskin	.40	1 45	6.50
Extra Early Pearl	.50	1.85	
Vaughan's Early Pickling	.45	1.50	6 50
Mammoth Silver King	.35	1 25	5.50
White Adriatic Barletta	.40	1.40	6.00
White Queen, for pickling	.35	1.25	5 50
White Victoria	.40	1.45	
White Bermuda	.45	1.50	
Red Wethersfield, 25 lbs., $11.25	.20	.60	2.40
Early Red Globe, Eastern grown	.45	1.50	6.50
Extra Early Flat Red	.20	.65	2.50
Southport Large Red Globe, Eastern	.35	1.25	5 50
Red Victoria	.35	1.25	
Red Bermuda	.40	1.35	
Giant Brown Rocca	.35	1.25	
Early Round, or Thick Yellow Danvers	.50	1.65	7.50
"Fancy" Yellow Globe Danvers	.25	.85	3.50
Yellow Globe Danvers, 25 lbs., $11.25	.20	.60	2.40
Southport Yellow Globe, Eastern	.35	1.25	5 50
Strassburg, Yellow Dutch, 25 lbs., $11.25	.20	.60	2.40
Prizetaker. The genuine	.35	1.25	5 50
Early Flat Yellow Danvers, 25 lbs., $9 00	.15	.50	2.00
Yellow Cracker	.35	1.25	5.50
New Bountiful. (See Novelties.)	.70	2 50	
Giant Yellow Rocca	.35	1.25	

Special Connecticut-Grown Stock Seed.

Of the following kinds we can furnish Connecticut-grown seed. Many of our customers have used this stock for years and will have no other.

	¼ LB.	LB.	5 LBS.
Ideal White Globe	$0 50	$1.75	$8 00
White Portugal	.45	1.60	7 00
Round, or Thick Yellow Danvers	.60	2 00	9 00
Yellow Cracker	.60	2 00	
Red Wethersfield	.25	80	3 50
Southport Yellow Globe, Early Red Globe, Southport Large Red Globe	SEE ABOVE.		

WHITES.

White Portugal, or Silverskin.—Early, mild flavored; excellent for sets an pickling; fine onions from seed the first year. Oz., 15c.; ½ oz., 10c.; pkt., 5c

IDEAL WHITE GLOBE.—This is the handsomest Onion we sell. Our seed is c the true globe form, pure white, hard, small-necked, ripening very early and evenly it is a good keeper. If your market requires a white Onion, there is none better. Oz., 15c.; ½ oz., 10c.; pkt., 5c.

Philadelphia Silverskin.—The variety for white sets. Philadelphia gardener plant no other. Our seed is the product of true stock. Oz., 15c.; ½ oz., 10c.; pkt., 5c

Extra Early Pearl.—Pearly white, very early, of medium size and sweet flavo most desirable for home use. Oz., 20c.; ½ oz., 12c.; pkt., 5c.

Vaughan's Early Pickling.—A pure white, hard, sma Onion, round as a marble; **most desirable for pickling purposes** having that sweet, nutty, crisp flavor so much liked in pickle Onions. Oz., 15c., ½ oz., 10c.; pkt., 5c.

White Barletta. This variety is *two weeks earlier than the Whi Queen.* It is a beautiful waxy white color and grows 1¼ inches in diameter and ¾ c an inch thick, with finely formed bulbs slightly flattened at the top. Its earliness will highly recommend its use as a substitute for Onion sets, and it is splendid fo pickles. Oz., 15c.; ½ oz., 10c.; pkt., 5c.

WHITE QUEEN.—(THE ONION FOR PICKLING.) Remarkable for its earliness and very mild flavor; it is small and white skinned; the leading variety for picklin purposes. Oz., 15c.; ½ oz., 10c.; pkt., 5c.

White Victoria.—Oval shape; the skin is silver-white, with sometimes a shad ing of a delicate light rose color. Flesh white, juicy and sweet; grows to weigh thre pounds under ordinary cultivation. Oz., 15c.; ½ oz., 10c.; pkt., 5c.

REDS.

LARGE RED WETHERSFIELD. *The most profitable Red Onio for the market gardener.*

Our strain is unsurpassed; the seed was saved from the largest Onions of perfec shape and deepest color. Where your market favors this kind, use our seed; its pro lific habit, fine, dark color and even type are just what you want. It has become such custom of seedsmen to offer the Red Wethersfield at about wholesale value, that t protect our own regular customers and to place our best American grown seed along side of even the cheapest in the market, we offer at this very low price. (See table.) Oz., 6c.; pkt., 3c.

Early Red Globe.—Very early; a great favorite in the best Onio growing districts. Market gardeners have made on our "West Market, Chicago, $40.00 from ¼ pound of our seed marketed in advance of all othe Onions. Oz., 15c.; ½ oz., 10c.; pkt., 5c.

Extra Early Flat Red.—Very early, dark red, small neck Oz., 15c.; ½ oz., 10c ; pkt , 5c.

Southport Large Red Globe.—The best and largest red globe Onion fo Winter. Perfect globe; thin necks, deep red; extra fine. Oz., 15c.; ½ oz., 10c ; pkt., 5c

Giant Brown Rocca.—A fine globe-shaped variety of mild and delicate flavo Immense size, sometimes weighing three pounds, skin light brown; an excellen keeper. Oz., 15c.; ½ oz., 10c.; pkt., 5c.

Red Victoria.—Skin very dark red, flesh light rose or white; flavor mild an sweet. Oz., 15c.; ½ oz., 10c.; pkt., 5c.

YELLOWS.

Early Round, or Thick Yellow Danvers. (BUXTON STOCK *True Massachuset grown seed.* Splendid yielder; 800 bags from one pound last season; ripens very earl all at once; small necks, perfect shape and color. Oz. 20c.; ½ oz. 12c.; pkt., 5

FANCY YELLOW GLOBE DANVERS.—We consider it the *best of a Danvers* Onions, except our Thick Yellow, or Buxton strain. The shape is uniformly round, color a fine brown orange-yellow. The entire crop ripens down at one tim and winters well. No gardener can afford to experiment with doubtful seed whe this stock can be had. Oz., 10c.; pkt., 5c.

Yellow Globe Danvers.—This strain of Globe Danvers is equal to any usually sold, and may be relied on as first-class cropper in every way. Oz., 6c.; pkt., 3c.

Southport Yellow Globe.—A main crop, lat large, round Onion all alike. We take great pride in selling this genuine Connecticut-grown seed and are glad when our customers order largely of i It is sure to satisfy the one who buys a packet or the one who sows fifty pounds for ca load shipments. A truly grand Onion whose large, golden-yellow spheres make beautiful appearance, sacked or barreled for the market. *It is the finest of all yello Onions for keeping.* Oz., 15c. ½ oz., 10c.; pkt., 5c.

Yellow Strassburg.—(YELLOW DUTCH.) Later, flatter and larger than Yel low Danvers. This is the kind to sow for sets. Oz., 10c.; pkt., 3c.

Giant Yellow Rocca.—Very handsome shape, with flattened top, small nec and bright yellow skin; grow 9 inches in diameter. Oz., 15c.; ½ oz., 10c.; pkt., 5

PRIZETAKER ONION. ..... THE GENUINE. ..... The Handsomest, Largest Yellow Globe Onion...

An excellent keeper, of finest flavor, handsome shape and enormous size, many single Onions having been raised to weigh five pounds and over from seed the first year. It is of the same type as those immense imported Onions which can be seen in fruit stores and always command a very high price. The **Prizetaker** grows always to a perfect globe shape, with a bright straw-colored skin, the necks are very small and the Onions always ripen up hard. Ours is American-grown seed.

5 lbs., by express, $5.50; postpaid, lb., $1.35; ¼ lb., 35c.; oz., 20c.; ½ oz., 12c.; pkt., 7c.

MAMMOTH SILVER KING.

This mammoth variety is one of the largest in cultivation, averaging from 15 to 22 inches in circumference and often weighing from 2¼ to 4 pounds each. It matures early and is of uniformly large size and fine shape, being flattened, but thick. The skin is of a beautiful silver-white, flesh snowy and tender, of mild, sweet flavor. Its striking size and handsome appearance, as well as mild flavor recommend it for exhibition at fairs, for the fancy market as well as the table. **5 lbs., by express, $6.00; postpaid, lb., $1.35; ¼ lb., 40c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.**

BERMUDA ONIONS.

These Onions grow to an immense size and are of beautiful form. The skin is very thin, flesh white, fine grained, of mild and pleasant flavor. It will grow an Onion from 1 to 1½ pounds from seed, but to attain full size, set out the bulbs the following Spring. **White or Red.**

Price, each, lb., $1.50; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

THE EARLY CRACKER ONION.

It is the earliest of all our yellow sorts, of superior quality, and like the Early Flat Red is an excellent kind to raise where the seasons are short and often profitable to the market gardener who brings the first ripe Onions to market.

Lb., $1.25; ¼ lb., 35c.; oz., 15c.; pkt., 5c., postpaid. By express, at buyer's expense, 5 lbs., $5.50.

☞ We sell Bottom Onion Sets, Shallots, White Multipliers and Potato Onions by measure, Top Sets by weight, (28 lbs. to the bush).

ONION SETS.

Pint and quart prices include postage; pecks and bushels are at buyer's expense. Write for latest market prices on bushel and barrel lots.

CHICAGO is rapidly becoming known throughout the West and South as headquarters for choice, reliable Onion sets. Our sets are grown by experienced growers from our own seed and are carefully dried, graded and stored by us. We can ship at any time, having now on our storage racks very choice, small, dry sets of all kinds. Of course, bushel lots and upwards are subject to market changes, but we will maintain prices here given as long as possible. Remember, we are always anxious to sell and if you think our rates too high when you are ready to buy, write us for lowest present market prices, stating amount wanted. Send for samples.

White Multiplier Onion Sets.

Green Onions for First Early Spring Bunching.

They are of a pure silvery-white color, *enormously productive*, frequently producing as many as *twenty bulbs in a single cluster* from one bulb planted; of excellent quality and size for bunching. *Their keeping qualities are remarkable*, having kept perfectly sound for a year, but their most important quality is *extreme earliness*, being ready for market *three to four weeks ahead of other Onion Sets.*

By freight or express, bu., $3.50.; peck, $1.00; ½ peck, 60c.; postpaid, quart, 35c.; pint, 20c.

SHALLOTS, or Yellow Multipliers.—Bushel, $1.75; peck, 60c.; peck, 35c., by express or freight. By mail, postpaid qt., 25c.; pint, 15c.

Yellow Potato Onion Sets.—*They produce large, dry, ripe Onions earlier than any other kind.* Bu., $3.50; peck, $1.00; ½ peck, 65c., by express. By mail, postpaid, quart, 35c.; pint, 20c.

Yellow Top Onion Sets.—These are planted to produce both early "green Onions" and large eating Onions. By express or freight, bush., $3.25; peck, 90c.; peck, 50c. By mail, postpaid, quart, 30c.; pint, 18c.

Egyptian, or Perennial Onions.—This variety never forms a large bulb; their value lies wholly in their *special adaptability for producing green Onions* for Spring or Fall use. They are perfectly hardy and stay in the ground all the time. **Top sets by express, bush.,** (28 lbs.) **$2 00; peck, 60c. postpaid, quart, 25c.; pint, 15c.**

☞ **ONION SETS** are subject to market changes, and while we shall endeavor to maintain the above prices, we cannot guarantee them to last throughout the season and advise early orders. "By express or freight" always means the purchaser pays the transportation charges.

BOTTOM ONION SETS.

These are the product of seed and are used for "green onions" or to produce large Onions which they do much quicker than can be grown from seed.

WHITE BOTTOMS. Our sets of this are very choice, small, dry and unsprouted. Bushel, $2.40; peck, 70c.; ½ peck, 45c., by express or freight. Quart, 30c.; pint, 18c., by mail, postpaid.

YELLOW BOTTOMS. Fine, dry sets, medium in size and unsprouted. Bushel, $2.00; peck, 60c.; ½ peck, 40c., by express or freight. By mail, postpaid, quart, 30c.; pint, 18c.

RED BOTTOMS. Bright, deep red in color, even and dry; these are scarcer this year than the White Bottom sets. Bush., $2.35; peck, 70c.; ½ peck, 45c., by express or freight. By mail, postpaid, quart, 30c.; pint, 18c.

Special Offer.

	By mail, postpaid.	By express, at buyer's exp.
One pint each White, Yellow and Red Bottom Sets	$0.45	$0.30
One quart " " " " " " "	.75	.55
Four quarts " " " " " " "		1.00
One peck " " " " " " "		1.70

☞ If to be shipped from New York add 25 cents per bushel to the above prices on Onion sets. ☜

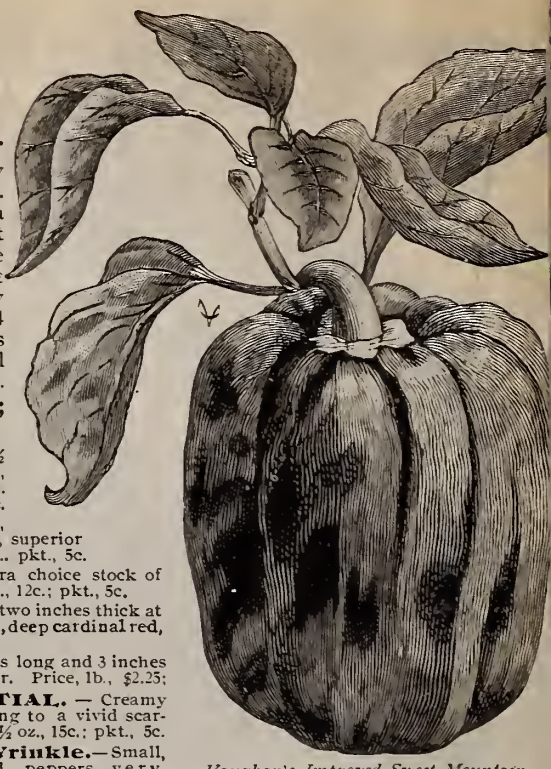
Ruby King.

PEPPER.

∴ VAUGHAN'S ∴
Improved Sweet Mountain.

It is a strong grower, very productive and of excellent quality. The peppers when young are of a bright deep green color, without any shade of purple; when ripe they are of a beautiful red; the flesh is thick, sweet and mild. They often grow 6 inches long by 4 inches through. Our strain has been selected with great care, and we know no better seed can be had.

Lb., $3.00; ¼ lb., 85c.; oz., 30c.; ½ oz., 20c.; pkt., 10c.



Vaughan's Improved Sweet Mountain.

RUBY KING.—Grows 4½ to 6 inches long by 3½ to 4 inches thick. The Peppers are a bright, ruby red, of remarkably mild taste; one of the best for stuffed pickles. Lb., $2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

BLACK NUBIAN.—Peppers are nearly black, never green; when ripe they are sharp and pungent, superior for pickling. Lb., $2.50; ¼ lb., 75c.; oz., 25c.; ½ oz., 15c.. pkt., 5c.

Large Bell, or Bullnose.—We have an extra choice stock of this old favorite sort. Lb., $2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

CARDINAL.—Long, curved, tapering Peppers about two inches thick at the stem end; very sweet and tender. They are of beautiful, deep cardinal red, Lb., $2.25; ¼ lb., 60c.; oz., 20c.: ½ oz., 12c.; pkt., 5c.

Procopp's Giant.—Very large, usually 8 to 9 inches long and 3 inches thick. Brilliant scarlet color; flesh thick, of pleasant flavor. Price, lb., $2.25; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Spanish Monstrous.—Very large, often growing 6 to 8 inches long and 2 to 3 inches thick; early, most productive; flesh very sweet and mild. Lb., $2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

GOLDEN DAWN.—Lb., $2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

RED CLUSTER.—Pungent. Oz., 25c.; pkt., 5c.

Cayenne Long Red.—The true Cayenne, hot and pungent. Lb., $2.25; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Red Cherry.—Fruit very small. Oz., 20c.; pkt., 5c.

RED SQUASH.—Oz., 20c.; pkt., 5c.

Elephant's Trunk.—Peppers from 8 to 12 inches long, bright scarlet, mild. Oz., 30c.; ½ oz., 15c.; pkt., 5c.

CELESTIAL. — Creamy yellow, ripening to a vivid scarlet. Oz., 25c.; ½ oz., 15c.; pkt., 5c.

Fancy Wrinkle.—Small, turban-shaped peppers, very handsome. Oz., 30c.; pkt., 10c.

CORAL GEM BOUQUET.—This is the finest of the small sized varieties *As a pot plant* it has proved a most rapid selling article, for besides its grea beauty, it serves the housekeeper when pods are wanted for seasoning Price, pkt., 10c.; 3 for 25c.

KALEIDOSCOPE.—The size of a hickory nut. The young pepper are of a light yellowish cream color, then change from canary-yellow to a deep orange and finally to an intense scarlet. Oz., 25c.; ½ oz., 15c.; pkt., 5c

Peppers, Mixed.—Includes many new and odd sorts. Pkt., 10c.

THE 3 BEST PEAS For the Home Garden.

These can all be planted at the same time, and they will be ∴ ∴ ready for use in succession. ∴ ∴

Nott's Excelsior.

The Earliest and Best Dwarf Pea in Cultivation.

Height, 15 inches. As hardy as the earliest market sorts, but in quality equal to the Little Gem. It outyields that variety and the American Wonder 20 to 30 per cent. The pods are one-third longer, and each pod contains from 6 to 8 large peas which are tender and of unusually fine flavor.

Price: By mail, postage included. Pkt., 10c.; pint, 23c.; quart, 40c. By express or freight at buyer's expense. Large pkt., 10c.; pint, 15c.; quart, 25c.; ½ peck, 70c.; peck, $1.20; bushel, $4.25.

Heroine.

This is without doubt the best of all second early Peas. It combines both quantity and quality of yield.

It grows very uniformly, about 2½ feet high, bearing a profusion of large, long, pointed pods, containing from 7 to 9 large peas of finest quality. The quality is of the very best. We recommend it with confidence, knowing well it will give satisfaction.

Price: By mail, postage included. Pkt., 10c.; pint, 20c.; quart, 35c. By express or freight at buyer's expense. Large, pkt., 10c.; pint, 12c.; quart, 20c.; ½ peck, 65c.; peck, $1.00; bushel, $3.75.

Improved Stratagem.

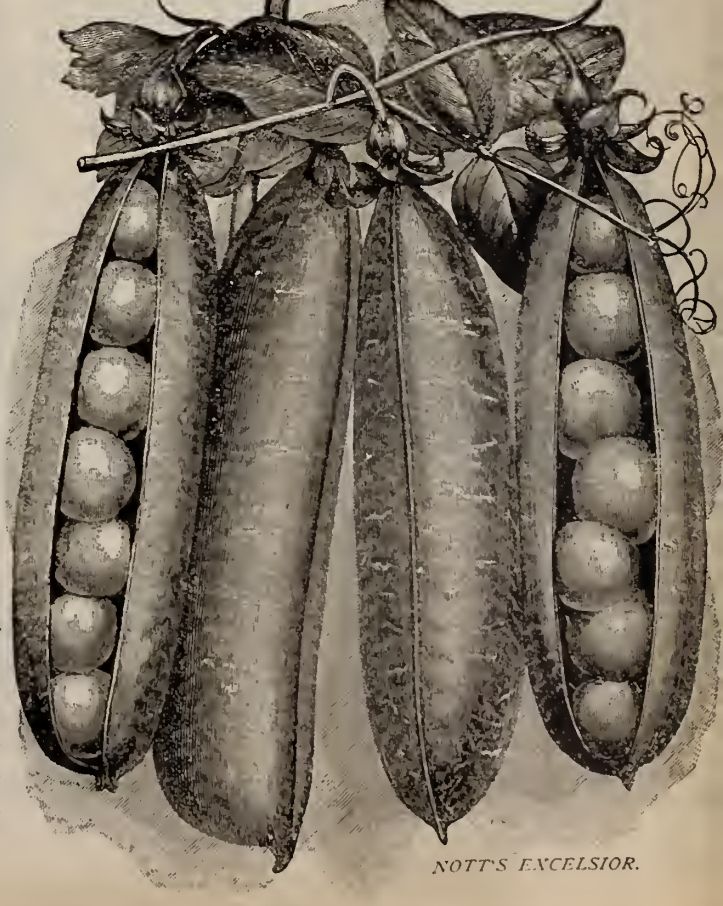
The best of the large-podded late sorts.

The old Stratagem Pea has always been one of the best late sorts for quality, but it was a shy yielder, which impaired its usefulness. The improved Stratagem has all the sterling qualities of the original type and is one of the heaviest yielders. The vines are of medium height, very stocky, the pods are of immense size, well filled with very large, dark green peas.

Price: By mail, postage included. Pkt., 10c.; pint, 23c.; quart, 40c. By express or freight at buyer's expense. Large pkt., 10c.; pint, 15c.; quart, 25c.; ½ peck, 70c.; peck, $1.20; bushel, $4.25.

SPECIAL OFFER!

	By Mail.	By Express at buyer's expense.
One pkt each of the three Peas,	$0.25	$0.20
One pint " " " "	.55	.30
One quart " " " "	1.00	.55
½ peck " " " "		1.70
One peck " " " "		3.00
One bush. " " " "		11.00



NOTT'S EXCELSIOR.

PEAS.

VAUGHAN'S SWEET MARKET PEA.

Our Pea Prices for packets only include postage; other prices are net. If to go by mail, add at the rate of 8 cents per pint or 15 cents per quart for postage. "By freight or express" always means that the transportation charges are to be paid by the purchaser.

☞ *Figures preceding the names indicate the height in inches. Wrinkled varieties are marked thus, *.*

EXTRA EARLY VARIETIES.

		Pkt.	Pt.	Qt.	½ Pk.	Pk.	Bus.
28 in.	Alaska, or Earliest of All.	.10	.12	.20	.60	1.00	3.00
14 in.	*Little Gem	.10	.12	.20	.60	1.00	3.50
14 in.	*ExtraEarlyPremiumGem	.10	.12	.20	.60	1.00	3.75
30 in.	First and Best	.05	.10	.15	.50	.85	3.00
10 in.	Blue Peter	.10	.15	.25	.70	1.20	4.50
11 in.	Tom Thumb	.10	.15	.25	.70	1.20	4.50
10 in.	*American Wonder	.10	.12	.20	.65	1.15	4.00

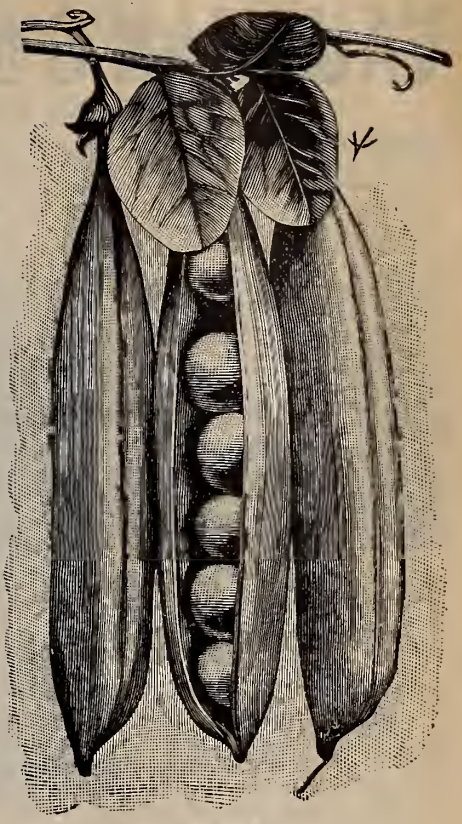
SECOND EARLY SORTS.

40 in.	*The Admiral, canning sort.	.10	.12	.20	.60	1.00	3.50
18 in.	*Abundance	.10	.12	.20	.60	1.00	3.50
28 in.	*Yorkshire Hero	.10	.12	.20	.60	1.00	3.75
20 in.	*Horsford Market Garden.	.10	.12.	20	.60	1.00	3.50
42 in.	*French Canner, Petit Pois.	.05	.10	.15	.45	.75	2.50
24 in.	*McLean's Advancer	.10	.12	.20	.60	1.00	3.50
24 in.	*Juno	.10	.12	.20	.65	1.15	4.00
30 in.	*Shropshire Hero	.10	.12	.20	.65	1.15	4.00
30 in.	*Sharp's Queen	.10	.15	.25	.75	1.25	

GENERAL CROP AND LATE VARIETIES.

36 in.	Long Island Mammoth	.10	.15	.25	.70	1.20	4.50
24 in.	*Pride of the Market	.10	.15	.25	.75	1.25	4.75
24 in.	*Everbearing	.10	.12	.20	.60	1.00	3 50
50 in.	*Champion of England	.05	.12	.20	.55	.90	3.25
36 in.	Black-Eyed Marrowfat	.05	.10	.15	.35	.60	1.80
42 in.	Large White Marrowfat	.05	.10	.15	.35	.65	2.00
	Dwarf Gray Sugar	.10	.12	.20	.60		
	Tall Gray Sugar	.10	.12	.20	.60		
50 in.	Melting Sugar	.10	.15	.25	.70		

CANADA FIELD PEAS. Write for Market Price.



MAUD S.

Bliss' American Wonder. *Vaughan's Selected Stock.*

This Pea has been a universal favorite for a good many years, and it is still one of the best for the home garden. The vines grow only about 9 inches high, and require no brush, the peas are large and of best flavor. It is one of the earliest varieties in our entire list. Our seed of this has been most carefully selected, and will be found superior to that ordinarily offered.

Melting Sugar.

An edible podded variety, growing from 4 to 5 feet high; pods very large, 4 to 5 inches long, and one or more broad, each usually containing from five to eight large peas. Being edible podded, it should be used the same way as a wax bean; very sweet.

Shropshire Hero.

We have found that for general merit this is without an equal. It is a *second early* wrinkled variety, about 2½ feet in height and is covered from top to bottom with long, handsome and well-filled pods which are well filled with from six to eight peas of superior flavor and quality. Keeps in good condition for a length of time and will be found of value both to the market gardener and for home consumption.

The 3 Best PEAS FOR THE Market Gardener.

Mt. Jackson, Pa. Maud S. Peas are a grand success. I have used them for several years, and they always proved early, of best quality, and very productive. Mrs. A. H. Fullerton.

Niles Center, Ill.—Your Telephone Peas were good, we had the best in the market.
Chas. Langfeld.
Market Gardener.

Loramie, Ohio.—I have many varieties of Peas, but yours (Vaughan's Sweet Market) beat them all. They are from 12 to 15 days ahead of others in earliness; they are splendid in all respects.
Mrs. J. B. Holscher.

Whitewater, Wis.—Your New Peas (Vaughan's Sweet Market) were sown in common garden soil, not very rich, on April 25th. On June 6th they began to blossom, and on the 15th had pods one and two inches in length; to-day, June 29th, we picked our first meal. They branched from the bottom, and in some instances sent out other branches higher up, producing a far greater number of pods from a single pea than any other kind known to me. The peas are very large, of excellent if not unsurpassed quality; with me they grew from 2½ to 3 feet high, with very large and strong stalks, and they are a beauty to behold, so loaded down with large pods. Taking all in all I believe they surpass all others. H. H. Dixon.

SPECIAL OFFER!

MAUD S., VAUGHAN'S SWEET MARKET, and TELEPHONE.

	By Mail Postpaid.	By Express at buyer's expense.
One pkt. each, of above 3 kinds,	$ .25	$ .20
One pint " " "	.60	.35
One quart " " "	1.10	.60
Four quarts " " "		1.95
One peck " " "		3.50
One-half bu. " " "		6.50
One bushel " " "		12.00

MAUD S.

"EARLIEST IN THE WORLD."

Early Peas are kept true, pure and uniform only by the most careful attention to "rogueing" the growing crops; pulling out every plant not true to type. Of course the strain must be right at the start and then kept so. Our **Maud S. is right**, the earliest of the early round peas, pure, uniform and even. It is a vigorous grower, vines about thirty inches high, while its **uniformity of ripening** makes it the **most profitable Pea** for the market gardener. There is no better pea for first early than **Maud S.** for the market, while we would recommend for the home garden Nott's Excelsior, or American Wonder, which do not yield quite so heavily, but are sweeter.

Price: By mail, postage included, pkt., 10c.; pint, 22c.; quart, 40c.
By express, at buyer's expense, large pkt., 10c.; pt, 15c.; qt, 25c.; ½ pk., 70c.; peck, $1.15; bu., $4.00,

Vaughan's Sweet Market.

THE BEST AND SWEETEST OF ALL SECOND EARLIES.

In earliness, when planted with the first early varieties, "First of All" and "Alaska," it follows immediately, being ready to pick for the table as the early ones are gone, and continuing to bear longer than most of the other varieties. The vines are vigorous in habit of growth, branching freely at the root, growing 2 to 2½ feet high and have a very robust appearance generally.

In productiveness it is not lacking, as it has been tested at the side of nearly all the standard sorts and found in the lead. We have found in a number of cases, by actual count, from **70 to 85 pods on a single plant**, and in a great many cases more than fifty pods on one plant.

In table quality it does not follow, **it leads.** The only adverse criticism we have received is, in one or two cases, it was reported "too sweet." We are free to say that in quality it is simply superb; which, for the home garden and home market is of the greatest importance; while in the shipping trade the orders are frequently annotated "send us **sweet** peas." This fills the bill. The peas are of very large size, the largest of any second early sorts, if not the largest of any, *early or late.*

The pods are of medium size, seldom more than six peas, and more commonly four or five to the pod.

Price: By mail, postage included, pkt., 10c.; pint, 20c.; quart, 45c.
By express, at buyer's expense, large pkt., 10c.; pint, 20c.; quart, 30c.; ½ peck, 90c.; peck, $1.60; ½ bushel, $2.75; bushel, $5.00.

TELEPHONE, Selected Stock.

THE BEST FOR GENERAL CROP.

The vines and leaves are large and coarse, the pods are large, nearly straight and are well filled with large and tender peas, which are sweet and of excellent quality. The pods are of fine appearance and with the fine quality of the peas make it one of the best, if not the best late pea for the gardener. Much spurious stock has been sold, but our stock has been selected with utmost care and will give entire satisfaction.

Price: By mail, postage included, pk., 10ct.; pint, 20c.; quart, 35c.
By express, at buyer's expense, larger pkt., 10c.; pint, 12c.; quart, 20c.; ½ peck, 65c.; peck, $1.10; bushel, $4.00.

VAUGHAN'S NORTHERN GROWN SEED POTATOES.

THEY HAVE BEEN GROWN FOR SEED FROM TRUE STOCK ONLY.

MANY THOUSANDS of barrels of seed potatoes are annually sold by seedsmen and commission dealers under spurious names, picked up on the market at a guess, or mis-named out of the storage bins. We have, on the contrary, always contracted for our potatoes, supplying **our own stock seed,** and requiring that small, prongy, or scabby ones be rejected from the crop. Last year we said, **"If you are a potato grower don't quit in 1897."** This was good advice as results prove this Fall, and we believe that 1898 will be another good year for potato growers.

THE ACME. The Most Profitable Early Potato in Cultivation.

"FIT TO EAT IN FIVE WEEKS AND CROP FULLY MATURED IN NINE WEEKS FROM PLANTING," has stood at the head of our description of this Potato since its introduction, but this does not cover all its good qualities which have become more manifest with its repeated cultivation. While the above sentence literally describes its earliness and time of maturing, the other points of a good potato stand out as conspicuously as its extreme earliness.

In yield it ranks with the medium and late ripening varieties—a rare quality in such an extremely early kind. **Its quality is of high excellence,** cooking "mealy", and of fine flavor even when not matured. In appearance **smooth and shallow-eyed,** bright and shapely, and sells for highest prices on the early market, of thrifty growth, and the tubers grow compactly in the hill, making digging easy. **Potatoes, uniform, hardly any second sized ones;** even in poor seasons when yield is smaller, the tubers may set fewer in the hill, but there is no small nor unsalable stock.

It keeps as late in Spring as the later varieties, notwithstanding its earliliness and remains until June in our cellars without sprouting. We have tried to find a fault in this potato, but can unhesitatingly class it as nearer perfection for all purposes than any other potato we are acquainted with.

Our supply of this will surely be exhausted before the planting season is over.

PRICE, 5 bbls., $16.50; bbl., $4.00; bush., $1.75; peck, 65c.; ½ peck, 40c., by express or freight, at buyer's expense. By mail, postpaid, **lb., 25c.; 3 lbs. for 60c.** If to be shipped from New York City add 50c. per barrel and 20c. per bushel to these prices.

THE ACME.

Vaughan's Improved EARLY OHIO.

IF we were inclined to multiply names of varieties we should in justice to ourselves give this strain a name to indicate its distinctiveness from the old Ohio, which formerly was so well established in favor among planters, and yet stands high as an early market variety where our **Improved Ohio** is not known. We have grown this improved strain for the past six years, **have eliminated the split ends,** which were so distinctive a mark of the Old Ohio, and obtained tubers smoother skinned and more uniformly shaped than the original variety and **increased its yielding qualities one-third,** so that we now have the finest stock of unmixed and genuine **Improved Ohios** in the country, distinct from the Old Ohio and the usual commission house stocks. Eastern "Ohios" planted beside ours the past season exhibited entirely different habit of growth, color of foliage and were much later in maturing. On account of its vigorous growth, uniformly good cropping quality and extreme earliness it will amply repay cost of purchasing Northern seed every Spring. The value of the extra early crop makes cost of seed a small consideration.

Price, 5 bbls., $15.00; bbl., $3.50; bush., $1.60; ½ bush., 90c.; peck, 50c.; ½ peck, 30c.; if from New York add 50c. per bbl. and 20c. per bushel.

The EARLY VAUGHAN POTATO. Our Standard Variety for High Quality.

IN the **Vaughan Potato,** we have **a medium early and main crop potato for the home table that cannot be beaten.** We are very glad that this splendid table variety of our own introduction and naming has borne out all we claimed for its merits and even excelled those claims. It is now undoubtedly fully equal, in delicate, floury texture, to that grand old type, the Snowflake, while in size and handsome appearance it fully equals its parent The Beauty of Hebron. There is nothing more than this which can be said of the Early Vaughan, viz. **It is really and truly the very best all around table potato in existence to-day.** We have tried them all and we know. If your seed has run out, and it is time for you to buy a new kind with new blood, you cannot afford to go without this sort at this price. Bbl., $4.50; bush., $2.25; ½ bush., $1.25; peck, 75c.; ½ peck, 40c.; if from New York City add 50c. per barrel and 20c. per bushel

The BOVEE.

Introduced last Spring and advertised as "The Earliest of All, a Great Cropper, and of Unsurpassed Quality." The high character of the testimonials in favor of this potato induced us to test it in comparison with our own leading extra early varieties this season, and our grower's report is sufficiently favorable to warrant us in giving it a place among our earliest. Claimed by some to be identical with the New Queen, has the habit of growing closely on the hill like Acme and Ohio and is a productive and good quality potato. We have a limited supply only. Price, bush., $3.00; ½ bush., $1.65; peck, $1.00; ½ peck, 60c.

HEWES' SEEDLING.

This is a close relative of the Ohio family. It is much like the Acme, and resembles the Early Market in the habit of stalk and blossoms. It is extremely early and very pure stock, free from intermixing; quality choice. The **Hewes' Seedling** deserves a place in the potato field with every admirer of the Ohio class of early market potatoes. Bush., $3.00; ½ bush., $1.55; peck, $1.00; ½ peck, 60c.

Vaughan's NORTHERN GROWN Potatoes.

☞ *The prices on our potatoes are f. o. b., Chicago. If to be shipped from New York, add 50 cents per barrel, and 20 cents per bushel; peck and 1-2 peck prices are the same.*

"QUICK CROP" POTATO.

Originated in Vermont, the "Quick Crop" Potato soon proved itself too fast for the "Land of steady habits" and has forced its way into the great West, where it will fill larger fields of usefulness. It is, as its name would suggest, a *remarkably quick grower*, of the most approved shape—viz., a very smooth, full, oblong tuber, with no slim points nor projections to waste in preparing for the table, or waste in handling. Sufficiently elongated to make a good baker, it is not too much so to serve well boiled. It is, in short, an *ideal* general purpose Potato. In color, it somewhat resembles the Hebron, but is a little more clouded than that variety; when cooked, the flesh is pure white, dry and flaky.
Price, bbl., $4.00; bush., $1.60; ½ bush., 90c.; peck, 60c.; ½ peck, 35c.

TRIUMPH.

An extra early reddish-skinned variety, extremely popular in the South and Bermuda for the first early market; yields only fairly, but its extra earliness and bright, attractive appearance makes it an ideal "New Potato" when they first come into the market in the summer. Bush., $1.65; ½ bush., 90c.; peck, 50c.; ½ peck, 30c.

CARMAN No. 1.

Is the first of the Carman potatoes, and a grand second early. In shape, perfect, somewhat like the Rural New Yorker; few and shallow eyes, the flesh is unusually white, and its quality and flavor perfect. It is an enormous yielder; of large, even sized tubers. Price, bbl., $4.00; bush., $1.60; ½ bush., 90c. peck, 60c.; ½ peck, 35c.

GREAT DIVIDE.

A splendid variety for main crop. Tubers long and handsome, smooth; eyes shallow; vines very large and strong. Tubers close in the hill, quite numerous, and all good sized. A spleudid yielder. Resembles Burbank, but surpasses it in quality and yield. Bush., $2.00; ½ bush., $1.15; peck, 70c.; ½ peck, 40c.

COLUMBUS.

A seedling from New Hampshire; second early, comes very highly recommended to us from Ohio Grounds. In form it is a long oval, somewhat pointed at the stem end; cross-section roundish oval, making a fine form, skin russeted, light flesh color, splashed and streaked with bright pink, giving the tubers a beautiful appearance; eyes plenty, some prominent, and some depressed, indicative of great yield. Either baked or boiled, *in quality, superb, second to none.* Bu., $2.00; ½ bush., $1.20; peck, 70c.; ½ peck, 40c.

THOROUGHBRED.

Offered in the Spring of 1896 and sold for $25.00 per barrel, by the introducer of the Freeman, who claimed for the **Thoroughbred** that "it was of as fine flavor as the Freeman, a great cropper, and as early or earlier than the Ohio." We offer pure seed to those who wish to grow a shapely, good quality, productive and early variety. The introducer has given it thorough advertising, and pure seed will be in good demand in every Potato neighborhood. Bush, $2.00; ½ bushel, $1.25; peck, 75c.; ½ peck, 40c.

LAKESIDE CHAMPION.

The most valuable medium late Potato for **light soils and dry season** we have on our list. It is remarkably drought-resisting, and in the past dry season with a general shortage in yield of even such good kinds as the Carmans, Rural New Yorker No. 2, etc., our crop was as large as usual, tubers weighing one to three pounds were found frequently. It is of the color of Beauty of Hebron, of splendid eating quality, and a most excellent keeper. F. A. Huebner, potato specialist, writes of it the present season: "It is the largest cropper, the best quality, and the best keeper I ever handled."
Price, bush., $3.00; ½ bush., $1,65; peck, $1.00; ½ peck, 60c.

CARMAN No. 3.

This is Mr. Carman's grand success in breeding up a late main crop variety, and it is the coming standard potato everywhere. In it he has succeeded in fixing those desirable points, so valuable to every potato grower. 1, VERY LARGE AND HANDSOME. 2, REMARKABLY PRODUCTIVE. 3, ALL LARGE TUBERS AND COMPACT IN A HILL. 4, HIGH TABLE QUALITY, no hollow center or hard core. Skin and flesh white, eyes few and shallow. Will keep without trouble till planting time. Price, bbl., $3.75; bushel, $1.50; ½ bushel, 85c.; peck, 50c.; ½ peck, 30c.

EARLY NORTHER.

A Maine type of Early Rose produced from a seed ball of that kind, and full of as much strength and life, evidently, as was the parent kind. We have grown it on a pretty large scale and we say to every one who likes the Early Rose Potato to get into the seed of this at once. It will give you satisfaction if you like a Rose seedling. Our seed is very choice in size and appearance. Per bbl., $4.00; bushel, $1.60; ½ bushel, 90c.; peck, 60c.; ½ peck, 35c.

BEAUTY OF HEBRON.

An early, rapid growing variety, excellent for table use, either baked or boiled; earlier than the Early Rose, and excelling it from 25 to 40 per cent. in yield. Too well known to need description. Choice stock, grown for us in Michigan. Per barrel, $3.25; bushel, $1.35; ½ bushel, 75c.; peck, 45c.; ½ peck, 25c.

RURAL NEW YORKER No. 2.

It is very large, usually smooth, with few and shallow eyes; form oblong, inclining to round and rather flattened. Skin and flesh white, quality excellent, season intermediate. Tubers of great uniformity in size, almost every one marketable. It is taking a leading place as a standard field cropper. Price, bbl., $3.25; bush., $1.40; ½ bush., 85c.; peck, 45c.; ½ peck, 25c.

AMERICAN WONDER.

A good all around productive late variety for general field culture. The tubers are white, large and uniform in size; elongated, slightly flattened; few eyes, nearly flush with the surface; quality excellent, either baked or boiled. Price, bbl., $3.75; bush., $1.50; ½ bushel, 85c.; peck, 50c.; ½ peck, 30c.

ALEXANDER'S PROLIFIC.

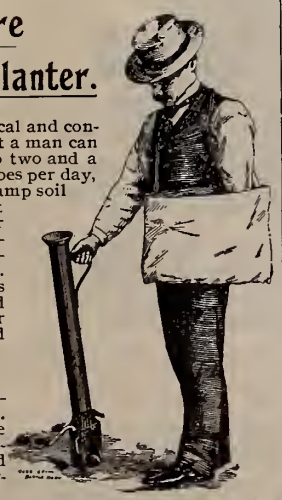
We recommend this as *one of the best of our entire list.* Excels most kinds in productiveness. Skin white, well covered with rough netting, eyes few and lie even with the surface; flesh pure white, of finest flavor; fine grained, dry and floury. Being long, large and white *it brings the highest market price.* Price, bbl., $3.50; bush., $1.40; ½ bush., 85c.; peck, 45c.; ½ peck, 25c.

Humphrey's Concave Potato Knife.

Price, each, 30c.; 3 for 75c., postpaid.

Economy of seed and proper size and shape of cut pieces are subserved by the use of this knife in preparing Potatoes for planting. Will cut to one or more eyes without injuring the vital tissues. Practical planters state that besides the quantity of seed saved there is a gain in the product from a given weight of seed cut by this method.

The Delmore Potato Planter.



With this practical and convenient implement a man can plant from two, to two and a half acres of potatoes per day, placing them in damp soil uniformly and at just the proper depth. This insures an even starting of the crop. Many farmers have discontinued the use of their horse planters and adopted

The Delmore

as cheaper and doing better work. Thousands have been sold to practical planters and have given universal satisfaction.

Price.....by freight or express, $1.50
With Sack for Carrying Seed, " 2.00

Seed Sweet Potatoes.

THE AFRICAN BUNCH YAM. (Vineless.)

Entirely vineless, having a short bunchy upright top. A rapid grower so that it matures in a short season, will ripen further north than any other sweet potato. A prolific bearer of long, yellow, sweet and rich tubers. Stands drought; no vines to run. Spaces between the rows can be double cropped. The best and earliest acquisition in the Sweet Potato line for years, but *succeeds* only on light sandy sweet potato ground; a failure on moist cold ground. Price, bbl., $4.50; bus., $2.00; ½ bush., $1.15, boxed.

(*Prices subject to market changes.*) Grown, stored and handled especially for seed purposes. They are grown in this State, but we can also supply New Jersey stock of Yellow Nansemond at 50c. per barrel advance. *None shipped until about planting time in the latitude of Chicago;* earlier shipments can be made to the south, but not packed with other seeds. They should always be sent by express to long distance points. We assume no responsibility for rot after leaving our hands. YELLOW NANSEMOND OR JERSEY, EXTRA EARLY CAROLINA, RED NANSEMOND, EARLY RED JERSEY, BERMUDA. Price, yellow sorts, bush., $1.85, boxed. ½ bush., boxed, $1.00; bbl., $3.75; 3 barrels, $10.25 Special prices on large lots.

SWEET POTATO PLANTS. One Hundred Sweet Potato Plants well attended to will produce several bushels of tubers, and should be grown by every one who has a kitchen garden. Price, when in season. 55c., per hundred, postpaid.

VAUGHAN'S FRENCH GROWN RADISH.

☞All our Radish seed is grown from extra selected transplanted roots, and is not to be compared with drilled stock offered at low prices because it "cheap" seed. If ordered by freight or express deduct 8 cents per pound from prices quoted. Five-pound lots of one variety at 10 cents less per pound

	Oz.	¼ LB.	LB.
Earliest Carmine Erfurt. A very fine Turnip Radish..	$0.10	$0.20	$0.60
Bertram Forcing. One of the best forcing Turnip shape.	.10	.25	.85
Non Plus Ultra. Rich scarlet, Turnip shape; good forcer.	.10	.20	.65
Early Deep Scarlet Turnip. The old stand-by	.05	.15	.50
Early White Turnip	.05	.15	.50
Olive-Shaped Deep Scarlet. Similar to our "20-Day."	.07	.15	.50
Olive-Shaped White	.07	.15	.55
Half-Long Deep Scarlet	.05	.15	.50
French Breakfast. Quick and handsome	.05	.15	.50
Mixture of Turnip and Olive-Shaped Varieties	.07	.15	.55
Half-Long Munich. A good Summer Radish	.10	.20	.70
Early White Stuttgart. We have an extra selected stock.	.07	.20	.55
Black Summer Turnip	.06	.15	.50
Yellow Summer Turnip	.06	.15	.50
Golden Yellow Summer Turnip	.07	.28	.55
Early Wood's Frame. A very good early long scarlet..	.07	.15	.50
Improved Chartier's. Long scarlet with a white tip....	.10	.20	.60
Long White Strassburg. Best market gardeners' stock.	.10	.20	.60
Long White Naples	.10	.20	.60
Colorado Glass Radish. Long pink; crisp, brittle, mild..	.10	.25	.85

Price per Packet 3 cents for any of the above Radishes.

VAUGHAN'S EARLIEST CARMINE TURNIP

The best and quickest Early Scarlet Turnip Radish. Of extremely quick growth, maturing in about 3 weeks. Leaves very short, rendering them particularly adapted for forcing under glass; of superior flavor, crisp and tender; skin deep carmine red; very attractive. Also a splendid sort for the home garden.

Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

VAUGHAN'S EARLY SCARLET GLOBE White Tip.

The Best and Quickest of the White Tips.

An extremely quick-growing sort; bright scarlet, with a white tip; short tops and thin tails; of excellent quality. Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

Scarlet Turnip, White Tip.—(Rosy Gem.) Select stock. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

EARLY SCARLET GLOBE.

A desirable Turnip sort for hot-bed forcing and out doors; very early; flavor mild, crisp, juicy and tender; top small; will stand heat without becoming pithy. One of the best selling and most attractive Radishes on account of its bright scarlet color and handsome shape; is ready in 28 days. Lb., 65c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

EARLY LONG SCARLET, SHORT TOP. VAUGHAN'S MARKET.

VAUGHAN'S MARKET.

The best early long white Radish, exceedingly tender and fine flavored. Half-long white Radish resembling the Strassburg in size, but of quicker growth; very smooth and regular in appearance, with pure white skin and exceedingly delicate and brittle. Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

IMPROVED BREAKFAST.

Its color is *very deep, glossy crimson.* The white is well defined and contrasts very pleasingly with the deep red of the upper part. One of the best early Radishes for family use.

Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

LONG WHITE VIENNA.—*One of the finest of long white Radishes.* Snow-white, very brittle and crisp; of beautiful shape and rapid growth. Lb., 60.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

BRIGHTEST LONG SCARLET, or CARDINAL.

The handsomest and earliest Long Radish

This new sort resembles the Early Long Scarlet in shape and is *fit for use in 25 days after sowing.* Its color is the *brightest scarlet* we have ever seen in any Radish; the tails are tipped white. This sort outsells any other long Radish put in competition with it on the market and is an extra fine sort for the home garden; best quality. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

EARLY LONG SCARLET, Short Top.

The standard long variety for market and home gardens. Root long, growing partly above ground; straight, smooth, rich scarlet color; very crisp and a quick grower. Our seed is specially selected. Lb., 50c.; ¼ lb., 15c.; oz., 8c.; pkt., 5c.

Earliest White Radish. This is not only the earliest White Radish, but the earliest of any color, good sized Radishes having been pulled in from 15 to 18 days after sowing. The Radishes are pure white, oblong, crisp and tender. The tops are small, which renders them suitable for forcing and admits of close planting. Very desirable. Lb., $1.25; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

Earliest White Turnip Short Top.—(Philadelphia White Box.) Of quick growth; roots round, pure white; tails very thin; leaves short, flavor excellent. Fine for forcing and open ground.

Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c

VAUGHAN'S "20-DAY" RADISH.

The Quickest of all Red Radishes.

Quick Growth is one of the main essentials for a crisp and tender Radish. This matures in 20 days after sowing, which makes it one of the most valuable sorts for forcing or out-door culture. The flesh is pure white, crisp and of very pleasant flavor; the skin is a most attractive bright scarlet. The leaves are very short, which admits of very close sowing.

Lb., $1.00; ½ lb., 30c.; oz., 15c. pkt., 5c.

WINTER RADISHES.

Long Black Spanish Winter Radish.

California Mammoth White Winter,

Or Large Russian. Growing to immense size; flesh very solid, white and of excellent flavor. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Rose, or Scarlet China Winter.

A good winter sort; sow in summer the same as turnips; flesh white and quite pungent. Lb., 60c.; ¼ lb., 20c.; oz., 7c.; pkt., 3c.

LONG BLACK SPANISH.—Large; skin black; flesh firm and white; milder than the Round Black Spanish; good sort. Lb., 50c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

CHINESE MAMMOTH, or CELESTIAL.

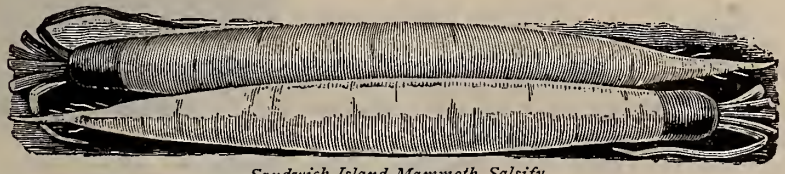
This immense Winter Radish is one of the largest in cultivation. The flesh is white, solid, crisp and brittle, and of excellent quality. Sow the seed beginning of August. Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

ROUND BLACK SPANISH.

Round, firm, flesh white, appetizing; good keeper. Lb., 50c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

Long White Spanish.—Similar to the Long Black Spanish, but with clear, white skin. Lb., 50c.; ¼ lb.; 15c.; oz., 6c.; pkt., 3c.

Chinese Mammoth or Celestial Radish.



Sandwich Island Mammoth Salsify.

Spinach....

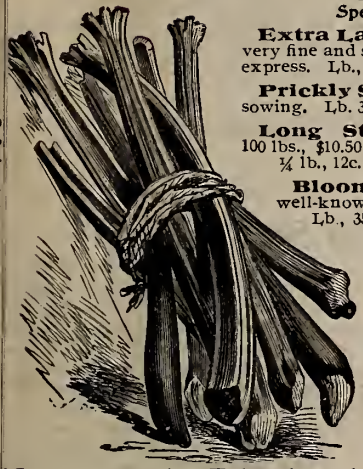
Special Prices for Large Lots.

Extra Large Round Leaf.—Our stock is very fine and select. 100 lbs., $10.00; 10 lbs., $1.25 by express. Lb., 30c.; ¼ lb., 12c.; oz., 5c., by mail.

Prickly Seeded.—Very hardy; good for Fall sowing. Lb. 30c.; ¼ lb., 12c.; oz., 5c.

Long Standing.—Slow going to seed. 100 lbs., $10.50; 10 lbs., $1.25 by express. Lb., 30c.; ¼ lb., 12c.; oz., 5c, postpaid.

Bloomsdale, or Savoy Leaved.—A well-known sort. 10 lbs., $1.50, by express. Lb., 35c.; ¼ lb., 12c.; oz., 5c., by mail.



Monstrous-Leaved Viroflay.

Quick, strong growth; much used by New York truckers. 10 lbs., $1.25 by express. Lb., 30c.; ¼ lb., 12c.; oz., 5c.

NEW ZEALAND.—This sort is grown to supply the place of the ordinary Spinach during the hottest months of the year, or in dry, arid localities where the ordinary Spinach does badly. The leaves are eaten boiled like those of the other kinds. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Salsify or OYSTER PLANT.

(Haferwurzel.)

Generally known as the Oyster Plant. We esteem this to be a much better root for table use than the Parsnip or Carrot. Some persons have been skeptical as to its possessing an oyster flavor, as it seldom attains true taste until, like the Parsnip, it has been well frosted. But if dug up during thaws in the Winter and early in the Spring, and boiled like Carrots or Parsnips, or half boiled and grated fine, made into balls, dipped into a batter and fried like oysters, it is a very good substitute for the shell fish itself.

LONG WHITE SALSIFY.—Lb., 90c.; ¼ lb., 25c.; oz., 10c.; pkt., 3c.

Sandwich Island Mammoth Salsify.

Grows *uniformly* to an extra large size, averaging *fully double* the size and weight of the roots of the old variety. The roots, notwithstanding their size, are of superior quality and very delicate flavor. Lb., $1.25; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

SCORZONERA, or Black Salsify.

(*Schwarzwurzel.*)

Treatment same as Salsify, which it closely resembles except that the skin is black. Soak in water a few hours before cooking, to remove the bitter taste. ¼ lb., 40c.; oz., 15c.; pkt., 5c.

Saisify, or Oyster Plant.

Mammoth Rhubarb.

The most vigorous and productive variety known. The leaf stalks are very numerous, the larger ones being 15 inches long, and fully 1½ inches wide. It is the first article of the season from the garden, and no garden should be without it. Lb., $1.50; ¼ lb., 45c.; oz., 15c.; pkt., 5c.; postpaid.

Rhubarb Roots.—Set in Spring and they will furnish leaf stalks the following season. We offer the largest and best variety.

Victoria.—*Extra large clumps.* Doz., $1.50; each, 15c.; not prepaid. *Small Roots,* 100z., $1.00; each, 10c., by mail, postpaid.

TOBACCO--General Grant.

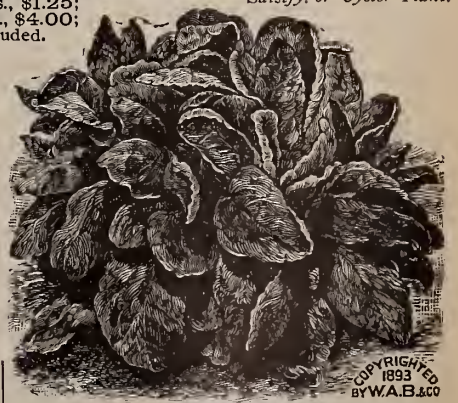
It produces leaves 44 inches long, of proportionate breadth, and matures its crop perfectly as far North as Duluth, Minn. Lb., $2.50; ¼ lb., 75c.; oz., 25c.; pkt., 10c.

Connecticut Seed Leaf.

Best adapted to the climate of the Middle and Northern States, as it is hardier and endures cold better than others. Lb., $2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

SUNFLOWER, Mammoth Russian

Everyone who keeps poultry should feed Sunflower Seed liberally, as there is nothing more wholesome and nutritious, or which keeps hens in better condition for laying. The Russian Sunflower furnishes more seed than any other sort; it will yield from 900 to 1,200 pounds of seed per acre. From 8 to 10 pounds of seed are required to sow an acre. Lb., 20c.; ¼ lb., 10c.; oz., 5c., by mail. By express, at buyer's expense, 5 lbs., 50c.; 10 lbs., 80c.; 25 lbs., $1.25; 100 lbs., $4.00; bags included.



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SORREL. SAUERAMPFER---OSEILLE.

Of the easiest growth. Sorrel is cultivated for its leaves, which possess a very fine flavor, boiled and served like Spinach; it also makes delicious soup.

Broad-Leaved, French.—This is the best variety—large leaves of a pale color. So popular is this in France that whole fields of it are grown around Paris. Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

Pedigree Tobacco Seed.

Prices on all varieties: Lb., $2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c., postpaid.

Primus.—Yields big crops of extra fine quality.

Harby.—A Turkish variety, stands heat and drought.

Brazilian-American.—Finest Brazilian strain.

Big Havana.—A hybrid Havana or Cuban seed-leaf.

Big Oronoco.

NEW VICTORIA SPINACH.

The foliage is heavy, the broad, dark green leaves being of the true Savoy appearance, and are of the finest quality, but the feature that makes it of special use, for market and family gardens, is that it is in prime condition from 2 to 3 weeks after all other varieties have run to seed. Lb., 35c.; ¼ lb., 12c.; oz., 6c.; pkt., 3c.

PUMPKIN.

MAMMOTH PRIZE PUMPKIN.

MAMMOTH PRIZE PUMPKIN.—The flesh and skin are of a bright golden yellow color. Flesh fine grained, and *of excellent quality.* Notwithstanding its enormous size it is one of the very best pie pumpkins ever grown, and a splendid keeper. This enormous variety has been grown to weigh 200 lbs. Lb., $2.00; ¼ lb., 60c.; oz., 20c.; pkt., 10c.

New Pie Pumpkin "Calhoun."—It is medium in size, extraordinarily *heavy and solid, very productive and of excellent quality,* The outside is a cream color, while the flesh, which is *very thick and fine grained,* is a salmon yellow and of superior quality. It is undoubtedly *one of the best for pies.* Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Winter Queen or Winter Luxury.—This is an improvement of the old, well-liked Sugar Pumpkin, and is admitted by all who have grown it to be the very best pie pumpkin on the market. Its size is uniformly about nine to ten inches in diameter. In color a beautiful deep orange yellow, with a very close netting, almost as russeted as a potato. It is a good winter keeper and unequaled as a cooking variety. Pkt., 5c.; oz., 10c.; ¼ lb., 20c ; lb., 60c.

Bronze Colored Montlhery.—This new variety differs from other kinds in shape, which is quite distinct, being round, very neatly ribbed and of a dark greenish brown color, precisely like old bronze, polished. Flesh fine, yellow, remarkably firm and of first rate quality. A little later ripening than the other kinds, it has the great advantage over them that it keeps till late in the season. Pkt., 10c.; oz., 20c.

Golden Oblong.—A very fine, new and productive variety, growing oblong to a length of sixteen to eighteen inches, and seven to eight inches in diameter. Flesh rich yellow, very sweet, dry and excellent for pies. A good keeper. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Globe Mammoth.—An enormous perfect Golden Globe, very thick flesh, yellow and delicious. Pkt., 10c.; oz., 25c.

Red Etampes Mammoth.—Skin smooth, bright glossy red, flesh deep orange, very thick, superior quality. Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

SMALL SUGAR.—A small orange colored sort, remarkably sweet, fine grained and dry. Keeps well, and cannot be beaten for table use. Always gives the best satisfaction. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Cushaw or Crookneck.—Lb., 60c; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Tours Mammoth.—Lb., 50c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

Banana; or Custard.—Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

Mixed, Largest Varieties.—Lb., $1.00; ¼ lb , 30c.; oz., 10c.; pkt., 5c.

Gray Boulogne.—Shape round, flattened. Flesh golden yellow, dry and excellent quality. Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

QUAKER PIE.—It is oval in shape and tapers toward each end; of a creamy color, both inside and out. Being *fine grained and rich flavored,* it makes a superior quality of pies. Lb., 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Japanese Pie.—Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Sweet Potato Pumpkin.—Lb., 60c.; ¼ lb., 20c.; oz.; 10c.; pkt., 5c.

Black Sugar.—Lb., 65c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Large Cheese.—Lb., 45c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.

Large Field.—Lb., 35c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c. By express, 10 lbs., $1.50; 25 lbs., $3.50.

Mixed.—All above varieties, in one large package, 10c.

SQUASH. *(See also Novelties.)*

CHICAGO WARTED HUBBARD SQUASH.

CHICAGO WARTED HUBBARD SQUASH.

To produce perfect specimens of any vegetable in size, color and form, is the aim of every gardener. A bag of white onions, large, pure white, hard, small-necked, dry, appeal to every observer and tempt him to buy if he had not intended to do so. A Hubbard Squash, large, blackish green, hard as wood, with warty knobs all over it, satisfies even the inexperienced observer that it is the best of its class, rich in quality, a keeper and thick fleshed—such will sell at sight, while ordinary, small, irregular, poorly colored specimens stay on the stand till they rot. Our strain of the above will produce mainly the type shown in our photo-engraving, which we consider the IDEAL HUBBARD for home or for market. For thirty or forty years, this squash has ranked first for a winter keeper. It is shipped thousands of miles in car-load lots from west to east every year. With the growing of it in a large way, it was found that the largest, *heaviest,* dark, rough skinned specimens are most valuable and most saleable. Because of this, our selection of Chicago Warted Hubbard has been made.

Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

HUBBARD SQUASH.—An extra choice selection, none better in the market. Lb., 50c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c., postpaid. By express, 5 lbs., $1.65; 10 lbs., $3.25.

Vaughan's Summer Crookneck.—(Select stock.) This is an old staple article of the seedman's stock, and though we *do not* claim our seed to be the *"best in the world,"* yet it is as pure as we have seen, and the product is as near to what Squashes should be. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Summer Crookneck.—Lb., 45c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

Mammoth White Bush Scalloped.—Our seed of this has been very carefully selected by a reliable market gardener for a number of years. A very select and profitable strain for market. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

White Bush Scalloped.—Lb., 45c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

Mammoth Golden Bush Scalloped.—Early, pale yellow, very handsome and uniform. Our strain of this is the best of all the very early Squashes. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Yellow Bush Scalloped.—Lb., 45c.; ¼ lb., 15c.; oz., 6c., pkt., 3c.

"Straight-Neck" Summer Squash.—Market gardeners who ship early squash to distant markets, know the difficulty of packing the crook-necked variety in boxes to good advantage. In our "Straight-Neck" the bad feature of the crook has been overcome, and by continued selection the size has been increased, more uniformly in shape, improved quality. Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

Faxon's Brazilian Squash.—It is remarkably prolific in habit; quality, dry and rich, without regard to the size, coloring or time of ripening of the fruit—something entirely different in this respect from any other Squash. Its valuable points are *"earliness, long keeping and high table qualities.* We are recommending it to all for general use in the home garden. Lb., 75c.; ¼ lb., 25c ; oz., 10c.; pkt., 5c.

Marblehead.—Lb., 55c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

The Der Wing Squash.—Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

White Pineapple.—Lb., 60c.; ¼ lb., 20c.; oz., 7c.; pkt., 3c.

Boston Marrow.—Lb., 50c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.

Bay State.—Lb., 50c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.

EUREKA.—The outside color is a light grayish green. They average from 20 to 25 pounds, and for a squash of this size is wonderfully prolific, producing two or three large sized fruits. We pronounce it *a first class farmer's squash,* because it is profitable to grow for feed as well as for market. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Chicago Orange Marrow.—First introduced by us in 1882, and has met with general approval. Its distinctive feature, and the one which gives it the greatest and most widespread popularity, is its earliness—*it is at least ten days earlier than any other long-keeping sort.* It grows as large as the Hubbard, and is of as good quality. It is in season from September to January, and is *the most saleable kind* during that time in the market; this is owing to its smooth and handsome shape, good size and creamy orange skin. We know that it will satisfy all. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Fordhook.—It ripens early, and is one of the best keepers we know of; it can be kept all through the winter until June. It is very prolific, and bug and borer proof. Lb., 70c.; ¼ lb., 20c., oz., 10c. pkt., 5c.

Golden Heart Squash.—It is very dry and has a sweet chestnut-like flavor, superior to all other early varieties. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

DELICATA SQUASH.—Orange yellow, splashed and striped with very dark green. The quality is rich and dry, wonderfully solid and heavy. For private use particularly we can recommend this squash, as it far surpasses in richness of flavor any of the large sorts. Lb., 75c.; ¼ lb., 25c.; oz., 10c., pkt., 3c.

Mammoth Chili.—The largest of all Squashes, often attaining a weight of 200 lbs, without losing its fine shape and good quality. The flesh is very thick, of a bright orange color, a good keeper. Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

Pike's Peak or Sibley.—Lb., 50c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.

American Turban.—Lb., 55c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.

Perfect Gem.—Lb., 50c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.

Vegetable Marrow.—Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

Essex Hybrid.—Lb., 60c.; ¼ lb., 20c.; oz., 7c.; pkt., 3c.

Cocozelle Bush.—Lb., 50c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.

Cocoanut.—Lb., 50c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.

BUSH ALPINE STRAWBERRY

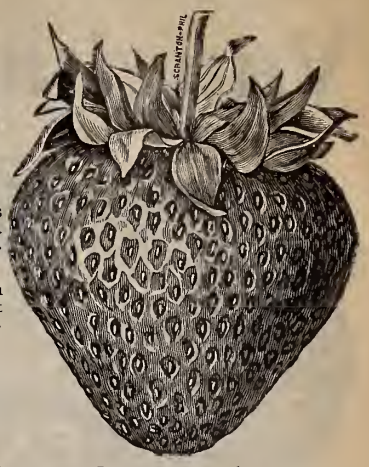
EVERBEARING STRAWBERRIES. FROM SEED.

BUSH ALPINE Without Runners, Red or White.—Handsome, globular bush form, with upright leaves and stalks. Can be used for borders, but their greatest advantage lies in the fact, that **they come perfectly true from seed.** Sown early they will produce bearing plants the first year. They are grown in large quantities in Europe, where they are **everbearing** in the true sense of the word, producing fruit all summer. Their flavor is that of the wild Strawberry. Price for Red or White, per pkt., 10c.; one pkt., each for 15c.

BELLE de MEAUX.—A sport of the Alpine Strawberry. It is *the most productive sort* we know. The fruit is of very fine flavor, and nearly black in color. Comes true from seed. Pkt., 15c.; two for 25c.

One packet each of the above three sorts for 30c.

LARGE FRUITED STRAWBERRY.—Our seed has been saved from a number of the choicest sorts and will produce plants that yield excellent berries. It is possible that new varieties may be produced. Pkt., 10c.



TURNIP. *Write for Special Prices on Larger Lots.*

Pound and ¼ lb. prices include postage.

SCARLET KASHMYR.

A new and entirely distinct Turnip. The outer color is rich scarlet, while the flesh is snow-white. It is an *extra early sort*, small, rarely exceeding three inches in diameter, and flat; the leaves are small, full and strap-leaved; the flesh is very solid, tender, fine-grained and of good quality. Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

Extra Early Red Top Milan.—The earliest in cultivation, two weeks earlier than Purple Top Strap Leaf. The bulb is flat, of medium size, quite smooth with a purple top. Flesh white, hard and of finest quality; it is an extra good keeper. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Purple Top Munich.—Earliest variety after the Red Top Milan. Color white; purplish-white top. Lb., 45c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

Purple Top Globe.—Keeps well; desirable for table or stock. Lb., 40c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

Red or Purple Top Strap-Leaved.—Lb., 40c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.; 5 lbs., by express, $1.35.

White Egg. - Lb., 40c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

Golden Ball, or Orange Jelly.—Lb., 40c.; ¼ lb., 12c.; oz., 6c.; pkt., 3c.

Sweet German.—Lb., 40c.; ¼ lb., 12c.; oz., 6c.; pkt., 3c.

Long Cowhorn.—Lb., 50c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

Yellow Aberdeen.—Lb., 40c.; ¼ lb., 15c.; oz., 6c.; pkt., 4c.

Small Berlin (Teltau)—Oz., 10c.; pkt., 5c.

Pomeranean White Globe.—Lb., 40c.; ¼ lb., 12c.; oz., 6c.; pkt., 3c.

Early Flat White Dutch.—Lb., 40c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

NEW TURNIP, WHITE MILAN.

The Earliest of All.

Amongst the finer Turnips we know, this takes the first rank by its unexcelled earliness and its beautiful shape. It is so smooth and neat as to look polished by hand, and the scant, short (entire) foliage forms a becoming ornament to the fine root.

Lb., 85c.; ¼ lb., 25c.; oz., 15c.; pkt., 5c.

EARLY WHITE FLAT DUTCH AND PURPLE TOP STRAP LEAF.

See Our

LIBERAL DISCOUNTS

On all seeds in packets and ounces and

SPECIAL DISCOUNTS

On large orders on the first page of our Vegetable Seed List.

Seeds of Small Fruits.

The seed we offer has been most carefully gathered by one of the most noted small fruit specialists in Germany. They have all been taken from large fruited sorts only, and they will undoubtedly produce a number of plants yielding fruit as large as those of the parent plants. It is a well-known fact that plants produced from seeds have greater vigor and are more prolific and hardier than plants propagated by cuttings, and this is especially demonstrated in small fruit plants raised from seed.

RASPBERRY SEED.—Large fruited sorts mixed. Pkt., 10c.; ¼ oz., 20c.

CURRANT SEED.

Red sorts mixed. Pkt., 10c.; ½ oz., 30c.

White sorts mixed. Pkt., 10c.; ½ oz., 30c.

BLACK CURRANT SEED.—Pkt., 10c.

BLACKBERRY SEED.—Mixed sorts. Pkt., 10c.; ¼ oz., 20c.

GOOSEBERRY SEED.—English large-fruited. Many sorts mixed. Pkt., 10c; ½ oz., 30c.

Seeds of Small Fruits are slow to germinate and should be sown early.

Rutabaga or Swede.

Vaughan's Improved Rutabaga.

From selected stock of a purple-topped variety of the largest size, best shape, with small neck and smooth skin; good cropper and keeper. Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c. By express, 5 lbs., $1.50.

Hurst's Monarch.—For earliness, quality and weight it is superior to any variety in cultivation, producing from two to seven tons per acre more than any other Swede, while the large percentage of saccharine matter contained in the root makes it very palatable and nutritious to stock. Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

LAING'S.—Lb., 50c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

CARTER'S IMPERIAL.—Lb., 40c.; ¼ lb., 12c.; oz., 6c.; pkt., 3c.

SKIRVING'S.—Lb., 40c.; ¼ lb., 12c.; oz., 6c.; pkt., 3c.

The Mammoth Virginia Peanut is the most profitable variety to grow, and is more desirable than the common spreading kind, because more easily cultivated; very erect stems and upright foliage, and the largest pods and kernels of any variety; also yields fewer imperfect pods. The vines make valuable forage for stock. Pkt., 10c.; ½ lb., 20c.; lb., 35c., postpaid.

Spanish Peanut.—The earliest variety grown; pods are small, but remarkably solid and well filled and the yield per acre very large; can be cultivated with the plow. Because of their early habit and easy cultivation, it is the best variety to grow for fattening hogs. Pkt., 10c.; ¼ lb., 12c.; lb., 30c.

Bird Seed.

We carry a complete stock of Bird Seed and furnish the best. Prices subject to market changes.

Add 10 cents per pound if to go by mail.

Mixed Bird Seed, per lb., 6c.
Canary, per lb., 6c.
Rape, per lb., 6c.
Millet, per lb., 6c.; 10 lbs., 40c.
Hemp, per lb., 6c.; 10 lbs., 50c.
Sunflower, per lb., 10c.; 10 lbs., 75c.
Lettuce Seed for Birds.—Per. lb., 30c.; ¼ lb., 12c.; oz., 5c.

Chufas or Earth Almonds.

A species of "grass nut" used to fatten hogs. It is not to be confounded with the Cocoa, or Nut grass, for though it belongs to the same closs, the Chufa is eradicated with great ease, and is never a pest. The nuts grow under the ground, very near the surface, easily reached by pigs or poultry, and destroyed by them if they have free access. Plant in April in rows 3 feet apart and 8 to 10 inches apart in the row. If seed is dry soak before planting. Sow 1 peck of seed per acre. Pkt., 10c.; quart, 35c., postpaid. By express, quart, 25c.; peck, $1.50.

CHUFAS OR EARTH ALMONDS.

Vaughan's Extra Selected Tomato Seed.

Vaughan's Earliest of All.

Vaughan's selected strain. *The earliest good Tomato.* We have found it absolutely the *EARLIEST* of 200 kinds; it is of medium size only and is somewhat wrinkled as shown in cut, hence cannot be planted largely for market, as it will not sell with main crop varieties like Atlantic Prize, Beauty, New Stone, etc., when they come; but it certainly should be used in a small way by every planter for a first early. Per ¼ lb., 90c.; oz., 30c.; ½ oz., 15c.; pkt., 10c.

Livingston's Beauty.—One of the best of this famous grower, glossy crimson, with purple tinge, holds its size well late in the season; its tough skin renders it a good shipper. Lb., $2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

ACME. Vaughan's Selected Stock.—One of the most popular kinds on our list, giving entire satisfaction. A favorite everywhere; large, round, smooth, slight purple tint; *one of the best.* Our seed has been grown with particular care, and *we know there is none better.* Lb., $2.00; ¼ lb., 50c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

PERFECTION.—Solid flesh, always smooth and of blood-red color. This is a general favorite, equally desirable for the home garden, for shipping, and for canning. We have an exceptionally choice stock of this sort. Lb., $2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

NEW IMPERIAL.—This new Tomato is one of the earliest, smoothest and most productive sorts. The fruit is large, smooth and solid. It not only produces very early fruits, but it will hold out through the season until late in fall. It is also a splendid keeper. In color it is between the Dwarf Champion and the Beauty. Gardeners should plant this, as it is undoubtedly one of the best early Tomatoes. Lb., $2.50; ¼ lb., 65c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

THE NEW STONE.

The Tomato for a Main Crop.

Choicest Seed. We call this the king of the Livingston kinds, which are the best types of large, smooth, solid, "beefy" Tomatoes. If asked to select one main crop, *market sort*, we advise this. Color, fine scarlet, stem (calyx) set high, core small and shallow, so that but little is lost when it is taken out of the fruit before slicing. We want to make what we say of this kind definite, because there are very many good kinds and a long list is confusing. If in doubt, buy the New Stone for market, or home use for that matter. Lb., $2.50; ¼ lb., 70c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.

Livingston's Royal Red.—Splendid main crop variety for the shipper, market and private gardener, and of special value to the *Canner* and *Catsup Maker.* Lb., $2.00.; ¼ lb., 60c; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Our Tomato seed has all been grown by Tomato specialists who plant for seed only. It is not as cheap as that from canning factories, but it is *good* and *reliable* and will give satisfaction.

WELL-KNOWN STANDARD VARIETIES.

Per pkt., 5c. of any of the following:

	½ oz.	oz.	¼ lb.	Lb.
Favorite. Large, early, smooth	.12	.20	.60	$2.00
Fordhook First. A good first early	.12	.20	.60	2.00
Golden Queen. Rich deep yellow	.12	.20	.60	2.00
Matchless. Very large, good keeper, smooth	.12	.20	.60	2.00
Liberty Bell. Large and smooth	.15	.25	.70	2.50
Paragon. Large, red	.12	.20	.50	1.75
Ponderosa. Largest and meatiest	.20	.35	.95	
Trophy. The old favorite	.12	.20	.50	1.75
Red Currant. Small	.15	.25		
Mikado, or Turner's Hybrid	.12	.20	.60	2.00
Volunteer	.10	.15	.50	1.50
Red Pear, Red Cherry, Yellow Pear, Yellow Plum.	Each, ½ oz., 15c.		oz., 25c.	

ATLANTIC PRIZE.

We place this at the head of the main crop varieties for *earliness.* It follows closely *Vaughan's Earliest of All* and comes in advance of such standard kinds as Acme, Beauty, etc. It bears in clusters, is of good size, smooth, round and of a fine scarlet color. *Choicest seed* from specimen fruits: Lb., $2.50; ¼ lb., 70c.; oz., 25c.; ½ oz., 15c.; pkt., 8c.

Early Dwarf Champion or Tree Tomato.

A great favorite; its dwarf habit and upright tree-like growth permit close planting. Resembles the Acme, and is hard to beat for home use. Color, purplish pink; smooth and symmetrical; fine quality and solid meated. This is the kind gardeners should grow who sell Tomato plants. Its stocky, tree-like growth makes most salable plants, outselling other kinds of lanky, scraggly growth. Lb., $2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

DWARF ARISTOCRAT.—This is practically a red variety of the Dwarf Champion. In size, solidity, productiveness, and flavor, it is up to the best standard. It will be found good under glass, and for early market out of doors. It may be planted 3x3 feet or even closer, making it suitable for small gardens. When ready for market its handsome color, sprinkled with some of its own dark leaves, attracts much attention. Per lb., $2.50; ¼ lb., 70c.; oz., 25c., ½ oz., 15c.; pkt., 5c.

BUCKEYE STATE.—A fine new *extra large* Livingston sort, nearly one-half larger than Beauty, deep color, smooth, heavy and of splendid quality. Lb., $2.40; ¼ lb., 65c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

The Two Peach Tomatoes.

Handsome and delicious, new form and style of Tomato. The fruit is of uniform size resembling a peach in shape, size and color, one of which is a deep rose blended with orauge amber, and the other clear lemou yellow. It is desirable for eating from the hand. The skin is thin and peels off like that of a peach. The yellow which we introduced five years ago is an exact counterpart of the original and makes a handsome addition to any collection. Each, Red or Yellow Peach, oz., 35c.; ½ oz., 20c; pkt., 10c. Both kinds mixed, pkt., 10c.; 3 for 20c.

CRIMSON CUSHION.—Fruit very large, round and regular; bright scarlet color; flesh solid and of best quality; cells small and few in number. The plants are very productive. The fruit is of fine form and appearance, and will stand shipment well. Lb., $5.00; ¼ lb., $1.25.; oz., 35c.; ½ oz., 20c.; pkt., 10c.

Ground Cherry or Husk Tomato.—This is much liked by many for preserves, and for eating from the hand. The seed we offer is from the *true* yellow Ground Cherry; very prolific. Besides its use for preserves, it makes good pies, and is very fine dried in sugar. Oz., 20c.; ½ oz., 12c.; pkt., 5c.

VAUGHAN'S SELECT FLOWER SEEDS

ANOTHER TRIP THROUGH FRENCH AND GERMAN SEED GARDENS.

Sparing neither trouble nor expense to maintain our position in the FLOWER SEED Trade, one of our firm has again made a very extensive trip the past summer, inspecting not only our own stocks growing on contract, but the fields of all the leading growers and their specialties. He has seen most of the important seed and plant establishments of England, Holland, Belgium, France and Germany, visiting all the special growers of PANSIES, ASTERS, GLOXINIAS, CARNATIONS, etc., making the minutest notes of the quality of each individual grower's stock as he saw it. This places us in a better position than ever to furnish **the very best quality of everything** and at the lowest possible prices at this date. **We know the relative value** of all varieties of flower seeds from the experience of a life-time, and our lists will be found to contain only those of value and merit. Furthermore,

WE TEST ALL OUR SEEDS and are therefore positive that only live seeds go to our customers.

OUR PACKETS ARE VERY LIBERAL IN SIZE, containing, in most cases, more seed than is needed in a home garden.

WE SUPPLY FLORISTS LARGELY. Everyone knows that florists can only use the **best.**

There is Money for You in Flower seeds, and it will pay you to secure your neighbors' orders. **We make these Liberal Discounts.**

Customers Sending		May Select	
$1.00		$1.30	
2.00		2 70	
3.00		4.00	
4.00		5.50	
5.00		7.00	

worth of Flower and Vegetable Seeds in *packets and ounces.* This discount, however, does *not* apply to seeds by weight (¼ lbs. and over) or collections, nor does it apply to orders sent at different times during the season, except previous arrangement is made, nor does it apply to plants, bulbs, potatoes, grass and field seeds and tools; but customers are allowed to select seeds for the cost of remittance besides these discounts.

ABUTILON.

Pretty plants, useful for pots in summer. They form handsome little bushes covered with bell-shaped flowers in the daintiest and also strongest colors, dotted and handsomely veined. Are of easy culture; bloom readily from seed the first summer.

62. **Abutilon.** Mixed Colors, pkt., 10c.

SWEET ALYSSUM.

73. A general favorite, with delicate white flowers of exquisite fragrance; very free blooming, suitable for beds, borders, and rock work; very useful for cut flowers during the winter. ¼ oz., 10c. Enough for a row 40 ft. long); oz., 25c.; pkt., 3c.

74. **—Benthami Compactum.—** Of dwarf robust growth; an excellent cut-flower. 6 in. Pkt., 5c.; ¼ oz., 15c.

75. **—Golden Saxatile.**—Flowers brilliant golden yellow, completely biding the foliage. Plants about one foot high; desirable for rock work and quite showy in masses. A hardy perennial. Pkt., 5c.

72. **AGROSTEMMA Coeli Rosa.**—(Rose of Heaven.)—Free blooming and attractive plants, with velvety foliage and pretty rose flowers. 8 inches. Hardy perennial. Pkt., 5c.

Allegheny Vine.

64 **ALLEGHENY VINE.**—Mountain Fringe, or Adlumia Cirrhosa. This is a hardy climbing plant, native of the Allegheny Mountains, very attractive and picturesque; dainty feathery, pale green foliage, flowers delicate rose pink and white. 15 feet. Pkt., 5c.

Imperial Dwarf Ageratum.

AGERATUM.

Very effective plants for bedding, remaining in bloom throughout the whole summer. They grow in almost any soil and in any location. H. H. A.

67. **Ag. Mexicanum.**—Blue. Pkt., 3c.

68.—**Mexicanum Album.** White. Pkt., 3c.

69.—**Imperial Dwarf Blue.**—Excellent plant for ribbon borders, 6 inches. Pkt., 5c.

70.—**Imperial Dwarf White.** — Like above except in color. Pkt., 5c.

71. **Ageratum.**—Mixed, ¼ oz., 15c.; pkt., 3c.

ALYSSUM, Vaughan's Little Gem.

76. This should really be called the "*Snow White Carpet Plant*," for the plants which are only a few inches high grow so dense, and are so completely covered with snow-white blossoms create the impression of a beautiful carpet spread over the ground. We know of no other white flower which is so particularly well adapted to borders, ribbons, etc., as our "Little Gem" Alyssum. The plants commence to bloom when quite small, and will flower uninterruptedly all summer long until late in the fall. Added to all this is its sweet fragrance, and we cannot see how a garden could be complete without it. Pkt., 7c.; ¼ oz., 15c.; ½ oz., 25c.; oz., 40c.

77. *Arabis Alpina.* Pkt., 10c.

ARABIS ALPINA.

A SPLENDID HONEY PLANT.

77. This plant is a hardy perennial which will thrive in any dry soil, and is particularly adapted to rock work. It grows about 6 inches high and is one of the earliest flowers to bloom in the spring. The blossoms are white, resembling Sweet Alyssum, deliciously fragrant, and so freely produced as to completely cover the plant. It should be in every garden. Pkt., 10c.

60. **ABRONIA Grandiflora.**—A trailing plant, bearing clusters of Verbena-like, sweet-scented piuk flowers; very effective in beds and banging baskets. H. H. A. Pkt., 5c.

63. **Acacia Floribunda Mollissima.**—The best of all Acacias, is covered with clouds of golden yellow flowers. Pkt., 5c.

65. **ADONIS ÆSTIVALIS Flos Adonis.**—A very showy annual, with pretty flowers and dark green foliage, good for beds and borders. Flowers bright crimson, peering from finely cut dark foliage. Height, 15 in. A hardy annual. Pkt., 5c.

66. **Blue Daisy**

(*Agathea Coelestis.*) The flowers are the very counterpart of the Paris Daisy, but sky-blue with a yellow disc; of easy growth and produces flowers all the year. Also a fine winter bloomer. Pkt. (120 seeds) 5c.

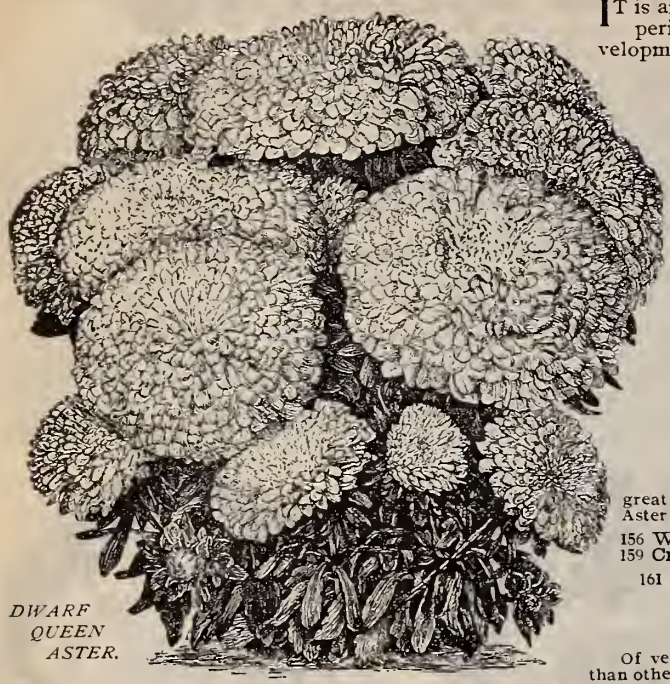
Blue Daisy.

VAUGHAN'S GERMAN GROWN ASTERS.

SEE ALSO NOVELTY PAGES.

☞ *Our packets of Asters contain a very liberal amount of seed, from 100 to 200 seeds, or more.* ☜

IT is an undeniable fact that for purity Aster seed grown in Germany is far su perior to any grown elsewhere. The climate is better suited to the full de velopment of the flowers and the German growers have the experience of century behind them. There is a great deal of cheap Aster seed offere to us every year, but we prefer to buy seed of careful and experience growers, though high priced, and our orders are made from the carefu notes we took while examining the various fields when in bloom.



DWARF QUEEN ASTER.

DWARF ASTERS.

152 **Dwarf Pigmy Aster.**—Pretty little plants of handsom form, completely covered wit flowers, each plant forming a neat bouquet. The flowers are of the most distinct and delicate shades. Height, 8 inches. **Many colors mixed, pkt., 5c.; ⅛ oz., 20c**

153 **Vaughan's Little Gem.**—One of the prettiest little Asters w know. The neat bushes, about 6 inche high, are covered with flowers of the most charming combination of pink and white A clump or row of them will form a very pleasing spot in the garden. **Pkt., 10c**

154 **Vaughan's Fireball Aster.**—The most brilliant Dwarf Aster It forms a neat, well-shaped bush about 10 inches in height and is covered with beautifully shaped flowers of the brightest scarlet, a single plant often producing from 30 to 40 blooms. Very effective if planted out in beds; also valuable for pot culture. **Pkt., 10c.; extra large pkt., 25c**

Dwarf Queen Aster. THE FINEST DWARF ASTER. This splendid Aster makes low, bushy plants about 10 inches high, of compact habit of growth, producing a great number of double, extra large flowers which resemble in shape those of the Victoria Aster and measure from 3 to 3½ inches in diameter. Excellent for bedding and pot culture

156 White. 157 Pink. 158 Light Blue.
159 Crimson. 160 Dark Blue.
} Each, per pkt., 10c.; any 3 for 25c.

161 **Dwarf Queen Aster, Mixture of all Colors.**—Pkt., 10c.; per ⅛ oz., 25c.

Dwarf Chrysanthemum-Flowered Aster.

Of very compact growth; flowers from 3 to 4 inches in diameter and very abundant; later than other varieties, therefore valuable for succession. 10 inches high.

162 **Snow White.**
163 **Brilliant Rose.**
164 Dark Crimson.
165 **Fiery Scarlet.**
166 White Turning to Azure blue.
167 White Turning to Pink.
} These are two beautiful sorts.
168 Light Blue and White.
169 **Dark Blue.**
170 **Light Blue.**
171 Peach Blossom.

172a **Silver Gray.**—A new, very distinct and pleasing color.

☞ Each of above, Pkt., 10c.; any 3 for 25c.; any 6 fo 45c.

172 **Many Colors**, mixed, pkt., 5c.; ⅛ oz., 20c.
173 Imported Collection, 12 colors. pkt., 60c. 174 Imported Collection, 6 colors, pkt., 35c.

175 **Pompon Crown Asters.** Pretty, compact, branching bushes, about 12 inches high with a great many very double flowers from 2 to 2½ inches in diameter, each flower has a clear, white center, encircled with some other color. Many colors mixed, pkt., 10c.

Comet, or Poodle Aster.—A handsome and very distinct Aster, resembling the Japanese Chrysanthemum in shape of flowers, the petals are very long and beautifully curled, are of a lovely delicate pink bordered with white, bright pink, light blue and other colors.

176 Peachblossom, a lovely shade of pink.
177 White.
178 Rose.
179 Pink and White.
180 Light Blue and White.
181 Dark Blue.
182 Lavender.
183 Crimson.

Any of above Comet Asters, per pkt., 10c.; any 3 for 25c.

184 **Comet Aster**, many colors mixed, pkt., 10c.; 3 pkts. for 20c.

185 **Dwarf Paeony Perfection.**—A dwarf strain of Truffaut Aster, compact in habit and about 12 inches high, flowers large and perfect in form, with beautifully incurved petals. Many colors mixed, pkt., 10c., 3 pkts., for 20c.

186 **DWARF VICTORIA ASTER.**—This is one of the best semi-dwarf Asters in existence. The flowers are very large, are borne on upright stems, are of ideal form, and the colors are of the richest and daintiest hues. There are color combinations and shadings in this class of Asters not found in any other class. Height, 10 inches.

Many colors mixed, pkt., 10c.; 3 pkts., for 25c.

187 **Dwarf Victoria Aster, Yellow.**—This is the only dwarf Aster with sulphur yellow flowers. In shape and size of flowers and habit of growth it is identical with the above but the color is a most pleasing light sulphur yellow; quite unique. Pkt., 15c.; 2 pkts. for 25c.

188 **DWARF ASTERS.**—Many different classes mixed. ¼ oz., 20c.; per large pkt., 5c.

190 Vaughan's Excelsior Mixture of Dwarf Asters.

Many of our customers may find it difficult to choose among the above strains of Dwarf Asters, and where not desired for an even bed or border, we would recommend the planting of our ***Excelsior Mixture.*** It is comprised of the most distinct and desirable colors of the different classes of Dwarf Asters and many others, not listed above, specially selected for this mixture, and we guarantee it to give satisfaction. **Pkt.,** (250 seeds) **15c.; extra large pkt., 25c.; ⅛ oz., 50c.**

Jones Co., Iowa.—My Aster bed has been more than lovely this Fall. I have picked bushels of flowers from it and next Spring will send to you again for seed. **Mrs. Geo. L. Lovell.**

Bay Co., Mich.—My flowers this Summer, grown from seed bought of you in the Spring, were beautiful, especially my Asters. They were admired by all who saw them. **Mrs. C. F. Potter.**

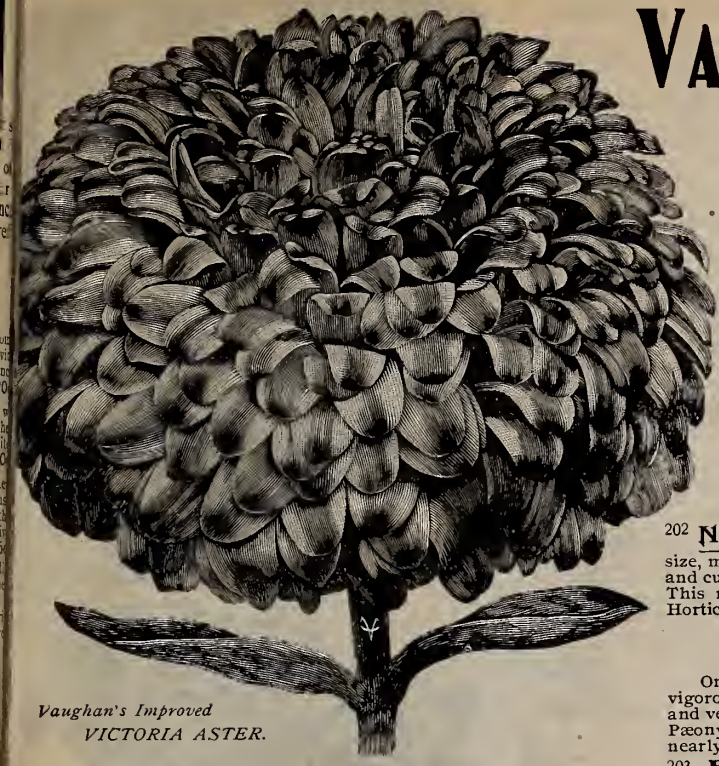
COMET, or POODLE ASTER.

Mechanicsburg, O.—I cheerfully indorse your seeds. Most of those I received gave perfect satisfaction. The Petunias were very large and beautiful, and had an assortment of different colors. The Asters were very large—some as large as the fine Chrysanthemums. In fact, my bed of Asters was admired by every one who saw it. I take pleasure in indorsing your seed, and will recommend them to my flower-loving friends. **Mrs. W. S. Shepherd.**

SPECIAL OFFER NO. 112.—One pkt. each, Nos. 153, 154 and 187, for 25c.

VAUGHAN'S ASTERS.

TALL VARIETIES.



Vaughan's Improved VICTORIA ASTER.

Vaughan's Improved Victoria.

Undoubtedly the most handsome Aster in cultivation, and we have an excellent strain of it. Flowers very large and perfectly double, of globular shape and beautifully imbricated; plants are of fine pyramidal form. 1¼ feet high.

191 **Pure White.** 194 **Crimson.** 196a Crimson and White.
192 Apple Blossom. 195 Dark Blue. 197 White, Turning to Azure Blue.
193 Light Blue. 196 **Pink.** 197a Indigo Blue on White Ground.

☞Each of the above, pkt., 10c.; 3 for 25c.

198 **Many Colors,** finest mixed. Pkt., 10c.

199 Imported Collection, 12 colors, 65c. | 199a Imported Collection, 6 colors, 35c.

200 **VAUGHAN'S BEAUTY ASTER.**—A splendid sort, resembling *Victoria Aster* in shape and size of flowers and growing about 2 feet high. The color is the brightest red imaginable with a satiny gloss. Pkt., 10c.

202 **New Japanese Giant Aster.**—Entirely distinct from all other Asters. The flowers are of immense size, measuring from five to six inches in diameter, with long petals curiously waved and curled, so as to give them a striking resemblance to a Japanese Chrysanthemum. This new Aster has been awarded a first-class certificate by the French National Horticultural Society. Mixed colors, pkt., (150 seeds) 10c.; 3 pkts., 25c.

Giant Washington or Jubilee Aster.

The flowers of this type resemble the *Victoria Asters*, they are, owever, much larger but not quite so numerous. We can recommend it o all who like a tall-growing Aster with very large flowers. The colors re very good; a good cut-flower sort.

201 Many Colors Mixed, pkt., 10c.

201a **Washington Aster, Yellow.**—The best of the tall Asters pproaching yellow. Pkt., 10c.

PAEONY FLOWERED ASTERS. (*TRUFFAUT'S.*)

One of the handsomest and most ornamental sorts. The plants which are very vigorous, grow from 18 to 24 inches high; the flowers are borne on long, wiry stems and very large, from 3 to 4 inches in diameter, very double, and in shape like a Pæony. The colors are both bright and delicate, and altogether this Aster is nearly perfection.

203 **Pure White.**
203a Dark Crimson and White.
203b White with Blueblack.
203c **Brilliant Rose.**
204 **Gravelotte,** (deep blood-red).
204a Pink and white.
204b Light Blue and White.
204c Dark Blue.
205 Light Blue.
205a Shining Blueblack.
205b **Brilliant Scarlet,** a most striking and beautiful color.
205c La Superbe, sky blue tipped white.

☞Each of the above, per pkt., 7c.; any 4 for 25c.

206 **Mixed Colors.** Pkt., 10c.; ⅓ oz., 40c. | 206a Imported Collection. 12 colors, 60c. | 206b Imported Collection. 6 colors, 35c.

NEW JEWEL OR BALL ASTER.—It belongs to the *Truffaut's Perfection* type; the plants are of the same height, the flowers are large and are borne on long stems and form a perfect ball; a very fine Aster.

207 Crimson. | 207b Light Blue. | 207d Scarlet.
207a Pink. | 207c Dark Blue. | 207e White, new.

☞Each of above, per pkt., 10c.; any 3 for 20c.; the 6 for 35c.

208 **JEWEL OR BALL ASTER.**—Mixed. Pkt., 10c.

Truffaut Pæony Flowered Perfection Aster.

CROWN OR COCARDEAU ASTER.

Central petals of purest white, making a striking contrast to the large, brilliantly colored outer petals; very effective. 2 feet.

209 Many colors mixed. Pkt., 5c.; ½ oz., 20c.

210 **DOUBLE QUILLED ASTERS.**—These are great favorites on account of their free blooming qualities, and the low price of the seed recommends them to many who want a nice Aster for cutting. Pkt., 3c.

211 **Aster, Lady in White.**—*An Everblooomer.* From its parent, the *Mignon*, it has its branching and free-blooming habit, also its handsome, globe-shaped flowers. No plant brings less than 40 buds, while as many as seventy have been counted on a single bush. The flowers are of pure snowy whiteness, and are produced in succession and so prolong the blooming period into the late Autumn. A most useful variety for pots and beds and especially for cut flowers.

Pkt., (150 seeds) 10c.; 3 pkts. for 25c.

212 **New "Marvel" Aster.**—A new and very distinct Aster which deserves a place in our list. The flowers are of large size, very numerous and of a handsome color combination, the outside petals being white, while those of the center are carmine. Pkt., (100 seeds) 10c.; 3 pkts., 20c.

213 **"New Aster Rosalind."**—A sister to the well known *Snowball Aster*, having the same habit of growth and freedom of bloom, the same round short-petaled Dahlia—like flowers but of the most charming bright rose color. Pkt., (100 seeds) 10c.; 3 pkts., 25c.

Vaughan's Excelsior Mixture of Tall Asters.

220 This is a mixture of the most beautiful, striking and distinct colors of all the above tall growing Asters, selected from the cream of the *Truffaut's, Victoria, Crown*, and other desirable sorts, and includes many kinds specially purchased for this mixture. This is the finest mixture of Tall Asters ever offered, and the most critical lover of this flower will be astonished at the wide range of colors and varieties given in this truly Excelsior strain. Per pkt., (250 seeds) 15c.; extra large pkt., 25c.

SNOWBALL or Princess Aster.

214 A most distinct and handsome sort, equally valuable for pot culture and cut-flowers. It is a most profuse bloomer, a single plant often producing as many as 30 pure white flowers, resembling in appearance those of the *Liliput Dahlias.*

Pkt., 10c.; 3 for 25c.

Aster, Sulphur Yellow.

215 This is the nearest approach to a real *Yellow Aster.* The flowers are large, globular, quilled and very double and of a clearly pronounced sulphur yellow.

Pkt., 5c.; 3 for 12c.

Pure White Mignon.

216 This variety greatly resembles the Victoria Aster in growth and habit, but blooms more freely. Flowers are of purest white, globular and beautifully imbricated. Undoubtedly one of the finest white Asters for cut flowers. Pkt., 10c.

217 **Mignon Asters,** mixed. Pkt., 10c.

218 **White Asters in Mixture.**—Victoria White, Truffaut White, Mignon White, Snowball, Giant Comet White and Rose Aster White, all mixed in one pkt., (150 seeds) 10c.; 3 pkts., 25c.; ⅛ oz., 40c.

219 **TALL ASTERS.**—Many kinds and colors, mixed. Pkt., 5c.; ⅛ oz., 20c.

AMARANTHUS.

AMARYLLIS.

AMARANTHUS.

94. **Amaranthus, Sunrise.**—A most beautiful plant; height, 2 feet; the leaves are long aud narrow, the upper ones of the brightest glowing crimson. Pkt., 10c.

95. ——**Salicifolius.**—(Fountain Plant.). Leaves green, with orange, bronze and crimson shading. 4 feet. Pkt., 5c.

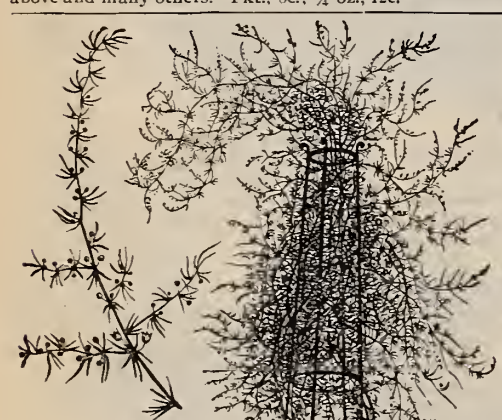
96. ——**Dwarf Blood Red.**—Flower spikes are from 6 to 10 inches long, blood-red and the foliage is a purplish brown. 2 feet. Pkt., 5c.

97. ——**Splendens.**—The finest of its class, with leaves of the most brilliant colors. The inner foliage is of a blackish bronze tipped with green, while the outer foliage is bright scarlet and gold. Pkt., 5c.

98. ——**Caudatus.**—Love Lies Bleeding. Pkt., 3c.

99. ——**Tricolor.**—(Joseph's Coat.) Scarlet, green and yellow. 2½ feet. Pkt., 3c.

100. **Amaranthus Fine Mixture.**—All the above and many others. Pkt., 3c.; ¼ oz., 12c.



ASPARAGUS VERTICILLATUS.

ASPARAGUS VERTICILLATUS.

132. This is a fine climber. It grows to a height of about 12 to 15 feet, the foliage is a fine, deep, glossy green, is excellent for screens, as it grows very rapidly; a few plants look fine in any place It is perfectly hardy. Seed should be planted in early spring, and planted out when one year old wherever desired. Pkt., (10 seeds) 10c.

No. 111. HARDY ALPINE ASTER. Pkt., 10c.

AMARYLLIS HYBRIDA.

88. Bulbous plants producing from 2 to 3 of the richest colored crimson, scarlet and white striped, lily-like flowers. Pkt., (10 seeds) 20c.

AMPELOPSIS VEITCHI, or Boston Ivy.

89. A species of Woodbine, with very pretty olive green foliage, which turns to bright scarlet, crimson and orange in the fall. It does not require fastening as it climbs to the smoothest walls. It is perfectly hardy. Pkt., 7c.; ½ oz., 20c.

90. **ANEMONE.**—(Windflower.) These can be easily raised from seed and bloom in the fall. Pkt., 7c.

91. ——**Sylvestris.**—White, hardy perennial. Pkt., 5c.

104. **ANCHUSA Augustifolia.**—Hardy perennial, pretty blue flowers. Pkt., 5c.

105. **ANTHEMIS Tinctoria.**—Hardy golden Marguerite. Pkt., 10c.

ANTIRRHINUM or SNAPDRAGON

An old garden favorite, with odd shaped flowers and pretty spotted throats; deliciously fragrant; one of the most showy border plants. Of easiest culture, they thrive in any soil, the tall sorts yielding an abundance of fine cut-flowers; while the dwarf sorts make the prettiest edgings.

108. **A. Queen of the North.**—*New.* In this new sort we have the finest and *most beautiful of all Snapdragons.* The plants grow into handsome, regular bushes, 12 inches high, covered with large, white flowers of a deliciously sweet perfume. Suitable for bedding and pot culture. Pkt., 7c.

109. Tall Sorts, mixed. 3c.; ¼ oz., 15c.

110. Dwarf Sorts, mixed. 5c.; ¼ oz., 20c.

AQUILEGIA or COLUMBINE.

Pretty, Hardy Perennials.

NEW WHITE SPURRED COLUMBINE,

115. This new, large flowering, pure white sort, with its fine long spurs, is perfectly hardy and a beautiful plant for pots, and, if planted in groups, presents a perfect sea of white flowers. Pkt., 10c.

116. AQUILEGIA, Double Mixed. Pkt., 10c.

117. —Single Varieties, mixed. Pkt., 3c.

118. —Chrysantha, golden Columbine. 10c.

119. —VULGARIS, Double White. Pkt., 5c.

120. —Coerulea, sky-blue. Pkt., 5c.

121. —Vervæneana Atroviolacea Pl.—Double, darkest purple. Pkt., 10c.

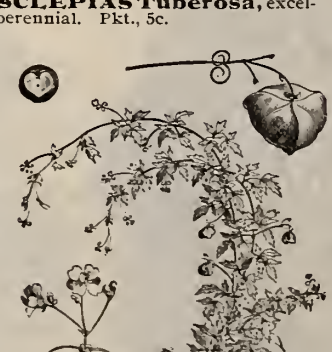
ARISTOLOCHIA Sipho.—DUTCHMAN'S PIPE VINE.

126. A hardy perennial climber, of rapid, luxuriant growth, with very large, heart-shaped leaves. Pkt., (25 seeds) 10c.

127. **ARMERIA Maritima.** Purple Cushion Pink; hardy perennial. Pkt., 5c.

128. **ASCLEPIAS Tuberosa,** excellent hardy perennial. Pkt., 5c.

BALSAM APPLE AND PEAR.



BALLOON VINE.

BALSAM APPLE AND PEAR.

142. Very curious climber, with ornamental foliage and golden-yellow fruit, which opens when ripe, showing the seed and its carmine interior.. Apple and Pear, mixed. Pkt., 5c.

HARDY ALPINE ASTERS.

111. Among hardy perennial plants these occupy a conspicuous place, for they are very handsome and ornamental, very free-blooming and perfectly hardy Pkt., 10c.

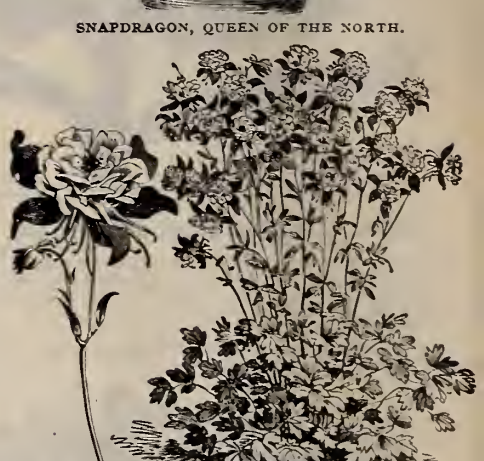
BALLOON VINE.—(Love in a Puff.)

144. A rapid growing climber; thrives in a light soil. One of the prettiest climbers. Pkt., 5c.

BARTONIA AUREA.—(GOLDEN BARTONIA.)

145. One of the brightest garden flowers, it produces its large, golden blossoms all summer in great abundance; 1 foot high. Pkt., 5c.

SNAPDRAGON, QUEEN OF THE NORTH.



DOUBLE COLUMBINE.

ASPARAGUS PLUMOSUS NANUS.

133. This is one of the prettiest house plants we know. The bright green leaves are as finely woven as the finest silken mesh; their lasting qualities when cut are remarkable, retaining their freshness for weeks. Pkt., (10 seeds) 25c.

134. **Asparagus Sprengeri.**—*See Novelties.*

ASPERULA ODORATA-WALDMEISTER.

135. This charming little plant which blooms in May and is a hardy perennial, delights in moist and shady situations and is used for border planting. Pkt., 10c.

136. **ASPERULA Azurea Setosa.**—Small, sweet-scented, light blue flowers. Pkt., 5c.

137. **AURICULA**—Pkt., 10c.

Bachelor's Button.—(See Centaurea Cyanus.)

BRACHYCOME, (SWAN RIVER DAISY.)

138. A dwarf, free bloomer, excellent for baskets and edgings; blue flowers. Pkt., 5c.

No. 138. BRACHYCOME. (SWAN RIVER DAISY.) 5c.

SEE ALSO NOVELTY PAGES.

VAUGHAN'S INVINCIBLE BALSAM.

243. **CACALIA.** (Tassel Flower.)—Pretty, free-blooming plants with tassel-shaped flowers, also called Devil's Paint Brush; of easy growth. Pkt., 5c.

244. **CALAMPELIS Scaber.**—A quick-growing climber, with orange-colored, tube-flowers. Pkt., 10c.

CALENDULA, or Pot Marigold.

EXCELLENT FOR BOUQUETS AND VASES.

245. **C. ORANGE KING.**—The grandest of all the double Marigolds. Flowers of considerable size, much larger than any we have seen; outer petals slightly imbricated, while those of the center are incurved like the petals of a Pæony. Color is a rich, dark orange. **Pkt., 5c.; ¼ oz., 12c.**

246. —**Royal Trianon.**—A beautiful sort. Large double flowers of a clear golden yellow, with a rich brown center. Pkt., 5c.; ¼ oz., 12c.

247. —**Meteor.**—Beautifully imbricated flowers, with orange stripes on pale yellow ground. Pkt., 3c.; ½ oz., 12c.

248. —Pongei.—Double creamy white. Pkt., 3c.

249. —**Mixed,** the above and others. Pkt., 5c.; per ⅛ oz., 10c.

245. CALENDULA, OR POT MARIGOLD. Pkt., 5c.

VAUGHAN'S INVINCIBLE BALSAMS.

224. We have no hesitancy in pronouucing this strain the finest in cultivation. The flowers are very large, *measuring from two to three inches* in diameter, of perfect form, resembling the flower of the Camellia, and are as double. In fact the petals are so densely produced that the yield of seed is extremely small, one single plant often producing not more than five seeds. The colors of the flowers are varied and brilliant comprising pure white, crimson, white shaded lilac, rose, spotted, scarlet, blue purple and many other tints. **Pkt., (100 seeds) 10c.; 3 pkts. for 25c.**

DOUBLE CAMELLIA FLOWERED BALSAMS.

These are (like Asters, Pansies, Phlox and Stocks) one of our specialties which we sell to our extensive florists' trade all over the country, and we know that our seed will produce fine, large, double flowers in great abundance.

225. **Snow White.** 226. **Pink.** 227. **Scarlet.** 228. **Light Lemon.**
229. **Scarlet,** spotted white. 230. **Solferino,** white, striped with purple scarlet.
231. **Victoria,** satin white, spotted with scarlet.

Price, per pkt. of any of above, 5c.; any 6 for 25c.

232. **All Colors Mixed,** above kinds and others. Pkt., 5c.; ¼ oz., 20c.

233. **DWARF BALSAMS.**—These are very useful for borders; the plants make perfect little bushes only about 8 inches high, the flowers are double and semi-double and the colors very pretty and pleasing. Pkt., 5c.; per ⅛ oz., 15c.

234. **ROSE-FLOWERED BALSAMS.**—Although not as choice as our Camellia-Flowered Balsams, this is a very good strain and will give a large percentage of double flowers in a great variety of colors. Pkt., 3c.; per ¼ oz., 15c.

235. **CARNATION-STRIPED BALSAMS.**—These are very showy and attractive; they derive their name from their peculiar stripes and markings, the flowers bearing a striking resemblance to some Carnations. Many colors mixed. Pkt., 5c.; per ⅛ oz., 15c.

BEGONIAS.

Tuberous Rooted Begonias are among the foremost flowering plants for pots or for bedding. The flowers often exceed four inches in diameter and outrival in color the most brilliant and dazzling Geranium.

236. **Single Tuberous Begonias,** from prize winning varieties, in finest mixture. Pkt., (500 seeds) 20c.

237. **Double Tuberous Begonias,** flowers of elegant form and substance. All colors mixed. Pkt., 35c.

238. **REX BEGONIAS,** ornamental foliage varieties. Pkt., (250 seeds) 50c.

240 BEGONIA ERFORDIA (New).—Lovely rosy-pink flowers which do not fade in the hottest sun, plants grow about 15 inches high and bloom all summer. A splendid bedding or pot plant. Pkt., (1,000 seeds) 10c.

239. BEGONIA VERNON. Pkt., 10c.

BROWALLIA.

241 Valuable bedding plant, flowers produced in great abundance and all summer; very showy. 1½ ft. Mixture of all colors. Pkt., (250 seeds) 5c.

BEGONIA VERNON.

239. As a Begonia for out-door bedding this has no equal. The plants are simply smothered with flowers, and bloom equally as well in the shade as in the brightest sun. In the full sunshine the leaves take on a beautiful bronze hue, while in the shade they retain their dark, rich green color. It is one of the handsomest, free-blooming plants we know, and it is equally valuable as a pot plant. It grows very readily from seed and blooms when the plants are quite small. Fancy a constant bloomer, summer and winter, which can be raised from seed. **Pkt., (1,000 seeds) 10c.; 3 for 25c.**

CALLIOPSIS

Will bloom until frost, thrive in any soil and require scarcely any care. Fine cut flower. H. A.

250. —**GOLDEN WAVE.**—Plant very bushy and compact, about two feet in height, and covered from July to October with hundreds of beautiful golden blossoms, 2 inches across. Pkt., 5c.

251. —**Harvest Moon.**—Flowers fully 4 inches across, with broad, deep yellow-fringed petals. In bloom all summer. Pkt., 10c.

252. —Double Sorts, mixed. Pkt., 5c.

253. —Dwarf Sorts, mixed, 15 in. high. Pkt., 5c.

254. **Calliopsis,** all sorts and colors, mixed. Pkt., (300 seeds) 3c.; per ½ oz., 12c.; oz., 20c.

253. CALLIOPSIS, DWARF SORTS. Pkt., 5c.

CANARY BIRD CREEPER.

262. This handsome annual climber belongs to the Nasturtium family, and is one of the most beautiful of its class. The vines grow to a height of 20 feet and are thickly covered with flowers, which are of clear golden yellow; our illustration shows one of natural size.
Pkt., 5c.; ½ oz., 15c.; oz., 30c.

CANDYTUFT.

Hardy annuals that will grow in any soil, require no care and bloom all summer. Our packets contain from 300 to 400 seeds.

265. **White Rocket.**—1 foot. Pkt., 3c.; ½ oz., 10c.
266. **Dwarf.**—Tom Thumb. Edging. Pkt., 5c.; ¼ oz., 10c.
267. **Lilacina.**—Purple lilac. 1 foot. Pkt., 3c.
268. **New Carmine.**—Dwarf; rich flowers. Pkt., 5c.
269. **Odorata.**—Sweet-scented. Pkt., 3c.; oz., 15c.
270. **Mixed.**—Annual varieties. Pkt., 3c.; ½ oz., 10c.

PERENNIAL CANDYTUFT.

271. **Sempervirens.**—Pretty white flowers. Pkt., 5c.
272. **Gibraltarica.**—Large flowers; lilac, shading off to white. Pkt., 5c.

CANDYTUFT, NEW DWARF HYBRIDS.

273. This is a very choice mixture of dwarf-growing Candytuft with flowers twice the size of those of the older kinds, in a larger variety of color; very good.
Pkt., (150 seeds) 10c.

CALCEOLARIA.

300. Very handsome and showy plants for the greenhouse or house culture. The plants grow about 18 inches high and during Spring and Summer are covered with a great many curious, pocket-like flowers. Our seed is saved from the best European collection and will produce flowers of large size and in an endless variety of colors. Directions on packet. Pkt., (500 seeds) 25c.

301. **CALCEOLARIA, Rain of Gold.**—Flowers small, pure, clear golden yellow; produced in great quantities in densely set clusters. It is a splendid plant for out-door bedding and blooms all Summer. Pkt., 25c.

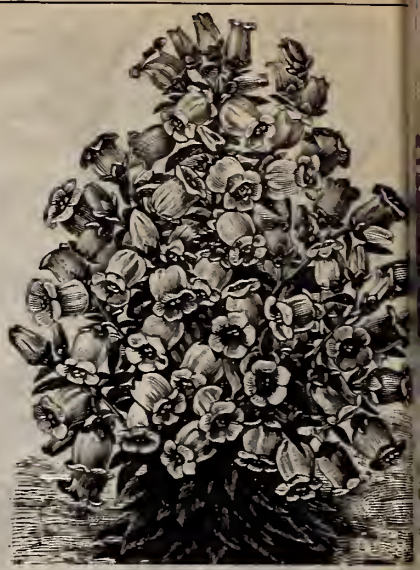
GIANT EMPRESS CANDYTUFT.

263 Vaughan's extra selected stock. One of the finest varieties in cultivation. It is intermediate in height between the old Rocket and the newer Tom Thumb sorts. The plant is of *very branching habit*, and when fully grown and covered with its *pure white flowers* it resembles a floral candelabra. Do not sow too thick. **Pkt.**, (250 seeds) 7c.; **3 for 15c.**; ½ oz, 20c.

Snowflake Candytuft.

264. Extremely free-blooming new sort. The plants grow about 7 inches high, forming a very neat, round bush, covered with the finest pure white flowers. This is an excellent variety both for pot culture and bedding outside. *A continuous bloom* may be had throughout the summer by repeated sowings at intervals of about two weeks.
Pkt., (300 seeds) 7c.; ¼ oz., 20c.

GIANT-FLOWERING CROZY CANNA.



CANTERBURY BELLS.

(*Campanula.*)

OUR PACKETS CONTAIN FROM 500 TO 700 SEED.

275. **C. Bells.**—Special mixture of single a double varieties in the finest and most striking sor Pkt., 10c.; 3 for 25c.

276. ——**Double Annual Varieties.**—In fin mixture. Pkt., 5c.

277. ——**Single varieties**, mixed. Pkt., 3c.

Seed saved from Double Flowers will always p duce some single flowers.

Campanula Fragilis.

278. A handsome plant with large, clear b flowers, which are borne profusely all summer. is especially suited for pot culture, hanging bask and rock work. **Pkt.**, (150 seeds) **25c.**

CAMPANULA, CUP AND SAUCER.

279. A beautiful variety; a most desirable and tractive addition to this class of old garden favorit The bell or trumpet is nearly 4 inches in diamet presents the form of a cup, hence its name. **Pkt.**, 1

280. **Carpathica.**—Harebell, blue. 5c.
281. ——**Alba.**—White. 5c.
282. **Macrantha.**—Blue, large flowers. 5c.
283. **Perennial Sorts.**—In finest mixture.

NEW Giant-Flowered CANNA

CROZY TYPE.

Bloom from Seed the First Summ

CANNAS FROM SEED.

Our seed has been saved f our own beautiful collection, c prising over fifty kinds.

But few people know t these beautiful flowers can b easily grown from seed, *bloom the first Summer* if sown before A There was no flower so greatly admire the World's Fair during the Summer and as the New Large-Flowering Canna bed the East side of the Horticultural Buildi and justly so, for *they have no equals* for st liness, brilliancy and variety of colors *ever-blooming qualities.* They produce flo spike after flower spike, and if caref potted up in the Fall and kept in the ho they will continue to do so all Winter. T make elegant lawn plants and are equ desirable for pot culture.

286. **VAUGHAN'S Giant Can Mixture.**—Pkt. of 10 seeds, 3 pkts. for 12c.; oz., 25c.

We have saved some seed of the following varie separate, from our own collection.

287. **M. Mesnier.**—Salmon, dotted.
288. **Midway.**—Vermilion.
289. **Florence Vaughan.**—Yellow; crimson sp
290. **J. C. Vaughan.**—Orange scarlet, bronze l
291. **Chicago.**—Vermilion scarlet.
292. **Mad. Crozy.**—Scarlet and gold edge.
293. **Queen Charlotte.**—Scarlet and gold.
294. **Stella Kaust.**—Orange. 295. **Eldorado.**—Large, yell

Any of above per pkt. of 5 seeds, 5c.

296. **RED-LEAVED CROZY SORTS.**—All the best variet Pkt., (10 seeds) 10c.; 3 pkts. for 25c.

CANNAS, Old Type.

297. C. Mixture of Dark-leaved Sorts.
298. Mixture of all kinds and sorts. 3

ST THINK! CARNATION PLANTS ROM SEED FOR ONLY or 15 Cents.

TYPES OF FLOWERS OF MARGARET AND CHABAUD CARNATIONS.

New Dwarf Margaret Carnation.

306. Like its parent, the Margaret, this Carnation *blooms four months from sowing*, but is as much in advance of e type as the new French Cannas are ahead of the old Indian Shot." The flowers are larger, more double and e variety of colors is infinitely greater. The plants grow out 15 inches high, flowers always erect. If taken up in e Fall, the plants bloom all Winter.
Pkt., (125 seeds) 10c.; 3 pkts. for 25c.
Also, 307. Pure White. 308. Pink. 309. Crimson. 0. Striped. Pkt., 15c.; 1 pkt. each of the 4 for 50c.

1. **Double Margaret Carnation.**—Fine double ed. ⅛ oz., 20c.; pkt., (120 seeds) 5c.

Coxcomb, President Thiers.

330. One of the most dwarf of all Coxcombs; bears largest crimson combs. It has been grown in our public parks between or alongside of rows of Golden Feverfew and Cenurea Candidissima, and when so planted made one of the most brilliant strips of border bedding. It is also a very handsome pot plant. Pkt., (250 seeds) 10c.; 3 for 25c.

331. **Dwarf Coxcomb.**—Splendid mixture, with crimson, pink, goldeu and striped combs. Pkt., 5c.
332. **Tall Sorts of Coxcomb.**—Mixed. Pkt., 5c.

CELOSIA, OSTRICH FEATHER.

This new Feathered Celosia produces very large plumes which are exquisitely curved and curled in exact resemblauce an ostrich feather. The plant grows about three feet high, of handsome pyramidal form, and the numerous massive plumes, waving gracefully above the foliage, make it one of the most effective ornamental plants for either pot or out-door planting. It is easy of culture.

7. Crimson Ostrich Feather. } Each, per pkt., 7c.
8. Orange Ostrich Feather. } One Pkt. each for 10c.

CARNATIONS See also Novelties.

A. Varieties that Bloom the First Summer from Seed.

GUILLAUD CARNATION.

305. This new Carnation has been obtaiued by careful selection from the Margaret and is far superior to it or any other Carnation seed. The flowers are of *larger size, better substance, greater doubleness*, and more varied markings and colors, many having grounds and shadings of *yellow*. *The Guillaud Carnation* will bloom the first Summer, and if taken up in the Fall the plants will bloom during the Winter, yielding an abundance of the handsomest and most fragrant flowers.
Price, per pkt., (125 seeds) 25c.

Ever-blooming or Chabaud Carnation

312. An entirely new strain raised by M. Chabaud, a Carnation specialist of Southern France. The plants are of even height, as if trimmed, healthy and vigorous, the stalks as stiff as wire, the flowers large, very double, deliciously sweet and in the largest and most charming color variations. These also *bloom in four months* from the time the seedlings are up.
Pkt., (100 seeds) 15c.; 2 for 25c.

SPECIAL OFFER No. 118.—One pkt. each New Dwarf Margaret Carnation, President Thiers Coxcomb, Zanzibar Castor Bean for 25c.

B. Varieties that Bloom the Second Summer from Seed.

DOUBLE DWARF VIENNA.

314. Produces double, very sweet-scented flowers in the largest variety of colors and in the greatest profusion. With a light protection they stand the Winter. Pkt., 5c.

315. **—Early Red Grenadin.**—For yielding a quantity of double red flowers there is no out-door Carnation that can equal it. It will live through the Winter with little protection. Pkt., 5c.

316. **C. New Double White Grenadin.**—Our seed will produce over 80 per cent. double white flowers of good form and substance. 10c.

317.—**CARNATIONS, Extra Choice Mixed.**—Saved from a rich collection of named flowers, and will produce fine varieties. Pkt., 25c.

318. **Carnations, Fine Double Mixed.**—Sweet-scented sorts; large, double flowers. Pkt., 5c.

SPECIAL OFFER No. 119.—One pkt. each Dwarf Margaret and Chabaud Carnations and Margaret Centaurea for 30c.

CASTOR BEANS.

(RICINUS.)

Stately, strong-growing plants, with very ornamental foliage, well adapted as center plants of groups of Cannas, Dahlias, etc. Height, 5 to 15 feet. H. H. A.

320. **R. Borboniensis Arboreus.**—(Giganteus.) Immense green foliage. 15 feet. Pkt., 5c.; oz., 20c.

321. **—Sanguineus.**—Beautiful brownish red foliage. Height, 6 feet. Pkt., 3c.; oz., 15c.

322. **—Cambodgensis.**—Large palm-like leaves of the darkest bronzy maroon; stalk and stem nearly black. 6 to 8 feet. Pkt., 5c.; oz., 25c.

323. **Castor Beans, many sorts mixed.**—Per oz., 15c.; pkt., 3c.

CENTAUREA MARGARET

335. A very handsome plant which grows about 18 inches high and produces large, pure white flowers, (our illustration represents one in natural size) of the sweetest fragrance. Being produced on long, stiff stems, the flowers are most admirably adapted to bouquets, vases, etc., especially as they keep in good condition for a week after being cut. It is as easily grown as a Bachelor's Button, to which family it belongs. Pkt., (40 seeds) 7c.; 3 for 20c.

CENTAUREA ODORATA CHAMELEON.

336. A splendid companion to our lovely Centaurea Margaret. Its flowers are large, sweet-scented and of a pale sulphur yellow, changing gradually into creamy white with purple shadings and again into pink. Pkt., 10c.; 3 for 25c.

CELOSIA,

OR COXCOMB.

325. **Triumph of the Exposition.**—The foliage is of a handsome bronze color, with fine feathery flower heads. In brilliancy of color and marvelous effect they are only equaled by the Scarlet Sage, with the advantage of beginning to bloom early in the Summer, lasting the entire season. Pkt., 10c.

326. **Feathered Varieties in Finest Mixture.**—Pkt., 5c.

New Zanzibar Castor Bean.

324. A new form of Ricinus; of short-jointed, stout growth and extraordinarily large leaves which are produced in such abundance that the plant is a perfect pyramid of beautiful foliage. The most tropical and ornamental Castor Bean yet introduced. The seeds, which are of extraordinary size, are beautifully mottled and speckled and show various colors, white, pink, black, crimson, etc. The seeds are as beautiful to look at as are many flowers. They are sure to please all. Pkt., (15 seeds) 7c.; oz., 15c.

ANNUAL CHRYSANTHEMUMS.

No Annual furnishes so many cut flowers as these, which bloom plentifully throughout the Summer.

356. C. Double White.-2 feet. Pkt., 5c.

357. —Double Golden Yellow.—2 feet. Pkt., 5c.

358. —Double Sulphur Yellow.—A new color; very delicate lemon; very valuable for bouquets. Pkt., 5c.

359. **—Inodorum Plenissimum.**—It furnishes double snow-white flowers in great abundance through the Summer and Fall. 2½ feet. Pkt., 10c.

360. **—Eclipse.**—Yellow, with purplish ring. Pkt., 5c.

361. —The Sultan.-Crimson maroon, single. Pkt., 5c.

362. —Golden Feather.— Foliage striking yellow; flowers white, with a crimson ring near center; single. Pkt., 5c.

363. **Double Annual Chrysanthemums.**—A fine mixture. Pkt., 5c.; ¼ oz., 10c.

364. **Vaughan's Annual Chrysanthemums.**—Single and double sorts in finest mixture, including many new varieties not listed above. Pkt., 10c.; 3 for 20c.; ½ oz., 25c.

Centrosema Grandiflora

343. A hardy perennial flower of rare beauty. It blooms early in June from seed sown in April; inverted pea-shaped flowers from 1½ to 2½ inches in diameter, and ranging in color from a rosy violet to a reddish purple. Well adapted to every garden purpose. Pkt., 5c.

Perennial Chrysanthemums.

CHRYSANTHEMUM MAXIMUM, LARGE OX-EYE DAISY.

367. A free-blooming hardy perennial 2 feet high literally covered with pure white flowers, which are well adapted to cutting, lasting over a week in water. (See illustration above.) Pkt., 10c.

368. **Chrysanthemum Frutescens.**-(Paris Daisy, Marguerite.) Large, white, star-shaped flowers. 5

Bachelor's Button, OR CENTAUREA CYANUS.

345. Very free-blooming, hardy annual, also called Blue Bottle, Ragged Sailor, **Korn Blume,** etc. Mixed colors. Pkt., 3c.; ¼ oz., 10c.; oz., 25c.

346. **Blue Emperor, or Corn Flower**—Pkt., 5c ; ¼ oz., 12c.; oz., 35c.

Double Cornflower, or Bachelor's Button.

347. Cornflowers have ever been favorites with all flower lovers, and we are satisfied that this new introduction will meet with a hearty welcome. In addition to its *doubleness*, this strain contains a number of new shades. Pkt., 5c.; ¼ oz., 10c.

CENTAUREA, or Dusty Miller

These are Planted for Bedding, not for the Flowers.

351. **Candidissima.**-Leaves silvery white. 10

352. **Gymnocarpa.**—Silver gray foliage. 5c.

CHINESE AND JAPANESE

CHRYSANTHEMUMS

378. The seed we offer is saved from a collection of 50 different varieties, both Chinese and Japanese, and excellent results in the way of some grand new varieties may safely be expected. If this seed is sown in February or March and properly treated (cultural directions are printed on the bags) the plants will bloom profusely next Fall, equal to any plant started from cuttings. Please bear in mind that our seed is the product of artificial fecundation obtained from 50 different varieties, and will produce some grand flowers.

Pkt., (50 seeds) 10c.; 3 pkts. for 25c.

CENTAUREA SUAVEOLENS.

Yellow Sweet Sultan.

350. Not a new variety, but one that deserves to be in every garden. The plant grows about 2 feet high and its double flowers are large, sulphur yellow and sweet-scented, borne on long stems and splendid for bouquets. Plant in a dry place. It blooms all Summer. 5c.

CENTAUREA, BACHELOR'S BUTTON, OR EMPEROR (CORN) FLOWER.

Special Offer No. 122.—One pkt. each, Nos. 367, 377, and 390 for 20c.

Special Offer No. 123.—One pkt. each, Nos. 871, 378 and 390 for 35c.

CLARKIA.

Clarkias are very pretty plants, forming handsome little bushes from 12 to 18 inches high; are very free-blooming, of very easy culture and useful in any garden, where they will thrive without any extra care.

375. Clarkia, Single and Double Sorts in great variety. Pkt., 5c.

376. **CLEMATIS, Large Flowering.** Beautiful climber, with lovely flowers, blue, white, purple, etc. Hardy; can remain in a permanent situation. Mixed, 10c.

CLEOME PUNGENS.

THE GIANT SPIDER PLANT.

A Splendid Honey Plant.

377. A robust grower and a perpetual bloomer. The flowers are very showy, with long, slender stamens, single petals measuring an inch across and of bright rose color. Seeds grow freely if sown in open ground. Per oz., 25c.; pkt., 5c.

NEW BACHELOR'S BUTTON, "VICTORIA."

348. A dwarf form of the favorite flower of Emperor William I., which grows only about 9 inches high, forming a ball-shaped plant. Its handsome blue color, so rare among flowers, will secure it a place in every garden. Pkt., 10c.; 3 for 25c.

COREOPSIS LANCEOLATA.

390. Flowers large, single, golden yellow. For generosity of bloom there is nothing to compare with it, and it will bear cutting from better than any other plant; at the same time it is always graceful. It can be grown freely from seed, and does well when treated as an annual. Pkt., 10c.

CINERARIA.

372. **Vaughan's International Mixture.**—This is a mixture of the finest English, French and German strains; the flowers are very large, from 7 to 8 inches in circumference and in the most brilliant colors. We sell a large quantity to florists who often sell their plants for $1.00 each. Pkt., (200 seeds) 25c.

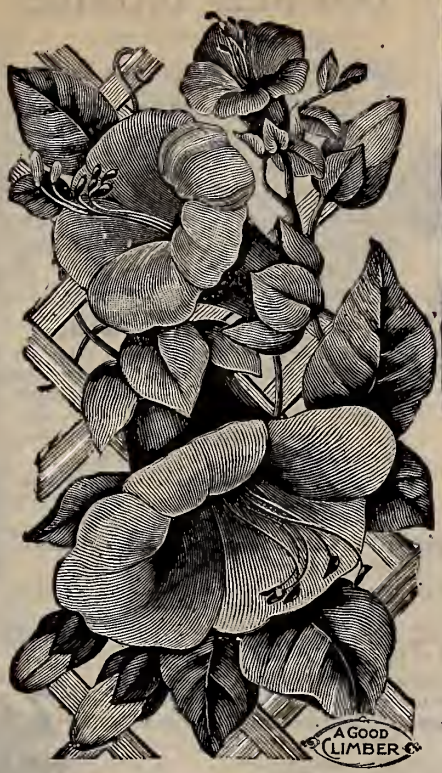
373. **CINERARIA HYBRIDA, Mixed.**—Such as is ordinarily sold. Pkt., 10c.

374. **Double Cinerarias.**—Extra fine mixed. Pkt., 25c.

MAMMOTH RAINBOW COLEUS.

387. The handsomest foliage plant obtained from seed. These Coleus are quite different from those commonly used in beds and borders, and, in fact, form an entirely new race. The plants reach a height of from 2 to 3 feet; the leaves often measure 10 inches in length and 8 inches in width, heart-shaped and handsomely crimped, toothed and frilled, their color combinations are remarkably rich, comprising all the reds, metallic greens and yellow, in shades from the most delicate to nearly black, and, indeed pass description. Their culture is very easy; no one can fail with the seed for with rich soil and plenty of water the most gratifying results may be had. Grown either in the garden or in pots, they are very handsome. Pkt., (250 seeds) 15c.; 2 for 25c.

388. **Coleus.** Many fine varieties mixed. Pkt., (150 seeds) 5c.



CALIFORNIA FANCY COSMOS.

SEE ALSO NOVELTY PAGES.

392. Cosmos have long been favorites both with the florist and for the home garden, for there is no plant which furnishes so many flowers in the Fall as these. This California fancy strain is a decided improvement on the old variety, for its flowers measure from 12 to 16 inches in circumference. The seed should be sown early, and if the plants are grown in pots, they will bloom in the house in Winter. Pkt., (150 seeds) 5c.; ¼ oz., 15c.

393. C. White, pkt., 5c. 394. C. Pink, Pkt., 5c.

CLIANTHUS DAMPIERI. GLORY PEA OF AUSTRALIA.

382. Undoubtedly one of the most georgeous flowers in existence and of the few that show a clear, glossy, jet-black color. The trailing plants grow 1 to 2 feet high and bear in clusters of 5 or 6 the most beautiful red flowers. Pkt., (10 seeds) 10c.; 3 for 25c.

COBAEA VINE.

384. One of the handsomest and most rapid growing annual climbers, running up to 30 feet in a season. The flowers are bell-shaped and of a purplish lilac when full grown. It is a very prolific bloomer and perfectly hardy. For a quick-growing climber, one that makes a show the first year, both in vines and flowers, we know of none better. Per pkt., 5c.; ¼ oz., 15c.

385. Cobæa, White.—Pkt., 10c.

386. COBÆA, Mixed.—Pkt., 10c.

Giant Cyclamen, showing habit and freedom of bloom.

Giant-Flowered Cyclamen.

THE flowers are of mammoth size and are borne well above the foliage on long, stiff stems. The coloring includes the most brilliant as well as the most delicate shades—deep crimson, purest white, rose and white with carmine spots and flakes. The foliage is also handsome, being thick, fresh and large, deep, rich green, with showy light markings. The culture of Cyclamen from seed is comparatively easy and is surely much more satisfactory and economical than from bulbs.

398. C. Mont Blanc.—Snow white, large.
399. ——White, with pink eye.
400. ——Roseum. Lovely Pink.
401. ——Dark Crimson.—Deep, rich color.

Any per pkt. of 10 seeds, 15 cents.

402. **CYCLAMEN, Giant-Flowered.**—Mixed. 25 seeds, 25c.; 10 seeds for 10c.

403. **Cyclamen Persicum.**—The Persian Alpine Violet. Mixed colors. Pkt., (20 seeds) 5c.

Giant Cyclamen. Flower of Natural Size.

CYPERUS, OR UMBRELLA PLANT.

406. Grows finely in water with rich soil or mud, throwing up long stalks with narrow green leaves. Easily raised from seed. Pkt., 10c.

383. **CLITORIA TERNATEA.**—Is one of the most beautiful climbing annuals, with flowers resembling Sweet Peas, but of that rich and peculiar "Corn Flower" blue. It can be grown in pots and in the garden. Good soil and an occasional application of liquid manure are essential to produce a succession of bloom. Pkt., 5c.; 3 pkts. for 10c.

391. **CORAL TREE.**—(Erythrina.) A hardy shrub, with beautiful spikes of Pea-shaped blossoms. Pkt., 10c.

396. **CUPHEA.**—(Cigar Plant.) Bears curious blossoms, somewhat resembling a lighted cigar. Pretty for bedding purposes and for pots. 1 foot. Pkt., 5c.

DATURA, or TRUMPET FLOWER.

424. **DATURA CORNUCOPIA.**—(Horn of Plenty.) The grand trumpet-shaped flowers measure from 7 to 9 inches in length and nearly 6 inches across and form 2 distinct trumpets, growing one within the other. The throat and mouth of the corolla are delicate white, while the outside is marbled with purple. A single plant often bears up to 200 flowers during the season. Pkt., (40 seeds) 10c.

379. D. Double White.—(Hose in Hose.) Pkt., 5c.

380. ——Many colors mixed.—Pkt., 5c.

CYPRESS VINE.

(*Ipomœa Quamoclit.*)

Very handsome climber; foliage light and graceful; fine for walls, etc.

408. White, *a* Pink, *b* Crimson.—Each, 5c.

410. **Cypress Vine.**—Many Colors Mixed.—Oz., 25c.; ½ oz., 15c.; pkt., 5c.

DOUBLE DAHLIA.

DOUBLE DAISIES.

Bellis Perennis Fl. Pl.

Vaughan's Mammoth Daisy.

For Size of Flowers and Doubleness these have No Equals.

415. The flowers average 1½ to 2 inches in diameter, are very double, ranging in colors from snowy white to pink and blood red, with the prettiest combinations of pink and white.

Pkt., (150 seeds) 15c.; 2 for 25c.

MAMMOTH DAISY, White.

416. The flowers are enormous, of the purest white, borne on long, stiff stems. This is the best Double White Daisy in existence. Pkt., (150 seeds) 15c.

417. **SNOWBALL DAISY.**—Long stem and large double flowers. Pkt., 5c.

418. **—Longfellow.**—Dark pink flowers, unusually large and double; very long and stiff flower spikes. Pkt., 10c.

419. **DOUBLE DAISIES in Best Mixture.**—Including Snowball and Longfellow. Pkt., (150 seeds) 7c.

420. **Double Daisies.**—Good mixed. Pkt., (150 seeds) 3c.

415. VAUGHAN'S MAMMOTH DAISY. Pkt., 15c.

DAHLIAS.—FROM SEED.

But few people know that Dahlias can be raised from seed and will BLOOM THE FIRST YEAR. The seed we offer, if sown early, will bloom profusely all the Autumn.

425. **Best Mixture of Double Dahlias.**—Large-flowering, Pompone, Cactus and Liliput. Pkt., (65 seeds) 15c.; 2 for 25c.

426. Double Dahlias.—Good mixed, many fine varieties. Pkt., 5c.

427. **Dwarf Striped Dahlias.**—The large single flowers grow 3 inches and over in diameter, are of the brightest colors and are striped and blotched in the most charming manner. Pkt., 10c.

428. **NEW DWARF DOUBLE CACTUS DAHLIA.**—The plants grow in compact, well-branched, erect bushes, 30 inches in height. If sown as late as April (in the house) they will flower all Summer long aud until late in the Fall. The flowers are double and in a large variety of handsome and rich colors. A very early-blooming race. Pkt., (50 seeds) 10c.; 3 for 25c.

429. **Mixture of Single Dahlias.**—Including all the novelties. Pkt., 5c.

430. **Zimpani, or Miniature Black Dahlia.**—(Also called Black Cosmos.) Produces an abundance of crimson-maroon flowers of velvety texture; 4 in. across. Pkt., 5c.

VAUGHAN'S SPECIAL DAHLIA MIXTURE.

Will Produce Flowering Dahlia Plants this Summer.

431. This mixture contains seeds from the best collections in Europe and embraces all the various strains of Double Flowering Dahlias, such as Show, Pompone, Liliput and Cactus varieties, also the single-flowering and striped sorts, and will produce a great many extra choice varieties. If you want a low-priced Dahlia bed, here is your chance. **Pkt., (60 seeds) 15c.; 2 for 25c.**

DIGITALIS, or FOX GLOVE.

446. Stately plants, with long spikes of thimble-shaped flowers. Many colors mixed. Pkt., (150 seeds) 3c.

DELPHINIUM, or LARKSPUR.

PERENNIAL LARKSPUR. (*Delphinium.*)

435. **Pillar of Beauty.**—(*Formosum Coelestinum.*) One of the handsomest of hardy perennials; flowers very charming delicate blue. Pkt., 5c.

436. **Grandiflorum Flore Pleno.**—Flowers large and double. A splendid cut-flower and ornamental plant. Many shades of colors in finest mixture. Pkt., 10c.

437. **Formosum.**—Bright blue, with a white center. Pkt., 5c.

438. Nudicaule.—Bright orange red. Pkt., 10c.

NEW CHINESE LARKSPUR.

Delphinium Sinense Grandiflorum Dwarf Compact Blue.....

439. A perennial plant of great beauty. The plants grow about 12 inches high and produce a great number of handsome blue flowers on wiry stems. Being a hardy perennial, the plants increase in size with age. Pkt., (100 seeds) 10c.

...ANNUAL LARKSPUR...

441. Double Dwarf Rocket.—Pkt., 3c.; ¼ oz., 10c.

442. Double Tall Rocket.—Mixed. Pkt., 3c.; ¼ oz., 10c.; oz., 25c.

443. Emperor.—Produces an abundance of long, slender flower spikes in the most delicate colors. Many colors mixed. Pkt., 5c.; ¼ oz., 15c.

A GOOD CLIMBER

Dolichos, or Hyacinth Bean.

448. This is really a very desirable climbing plant, as it is one of quick growth. The foliage is dense and handsome, the flowers abundant and pretty and the seed pods shining, large aud of a purple color. Mixed colors.

Pkt., (20 seeds) 5c.; ¼ oz. 15c.

Hyacinth-Flowered Larkspur.

440. This hardy annual derives its name from the striking resemblance of the flowers to a double Hyacinth. The plants grow from 2 to 3 feet high; the colors are both brilliant and delicate. Their culture is the easiest possible, the seed should be sown early where the plants are intended to remain. Mixed. Pkt., 10c.; 3 for 20c.

DRACAENA, or CLUB PALM.

Palm-like Plants Indispensable for Decoration.

469. **D. Indivisa.**—Grows easily from seed. Pkt., 5c.

471. **EDELWEISS.**—Famous Alpine plant. Pkt., 10c.

SINGLE JAPAN PINKS.

DOUBLE JAPAN PINK.

DIANTHUS—Hardy Garden Pinks.

For beautiful and lasting cut flowers, ease of culture and freedom of bloom these Hardy Garden Pinks have no superiors among Annuals.

DOUBLE ANNUAL PINKS.

480. **Double Chinese Pinks.**—Our mixture of this strain is extra good and contains a large variety of colors. Pkt., 3c.; ¼ oz., 15c.

481. **Chinensis Albus pl.**—Double white. Pkt., 10c.

482. **Double Dwarf Pinks.**—Mixed colors; very pretty. Pkt., 5c.

485. **Double Striped and Fringed.**—One of the finest of the whole family. The flowers, which are very large and double, are beautifully fringed; greatest variety of colors. Pkt., 5c.

483. **Double Imperial Pink.**—Mixed. Pkt., 5c.; ¼ oz., 15c.

484. **Double Crimson.**—Flowers very double. Pkt., 5c.

486. **Double White Japan Pink.**—The vigorous plants grow in neat bushes about one foot high, which are covered with large, pure white, very double flowers from June until very late in the Fall. Flowers will last a long time after being cut. Pkt., 7c.

487. **Nanus Albus Pl.**—Dwarf double white, or Snowball. Pkt., 5c.

488. **Fireball.**—Like the preceding, but double dark red. Pkt., 5c.

490. **New Spotted China Pinks.**—The pure white flowers are freely spotted and splashed with deep red. Pkt., 10c.

491. **Mourning Cloak.**—The most striking of all Pinks. The large, double, almost black flowers, have a clear fringed edge of white. Pkt., 7c.

492. **Laciniatus fl. pl.**—Double Japan Pinks, mixed colors, with fringed flowers. Makes a lovely flower bed. Pkt., 5c.; ¼ oz., 25c.

493. **Vaughan's Improved Double Japan Pinks.**—This is a strain superior to any we have previously had. The flowers are large, double, of the brightest colors, handsomely fringed and borne on long, stiff stems, making them one of the most useful flowers for bouquets. **Pkt., 10c.; 3 for 25c.**

495. **VAUGHAN'S MIXTURE OF DOUBLE PINKS.**—All the above Double Flowering Pinks in splendid mixture. Pkt., (200 seeds) 10c.; ¼ oz., 20c.

VAUGHAN'S IMPROVED CALIFORNIA POPPY. (ESCHOLTZIA.)

SINGLE ANNUAL PINKS.

496. **Vaughan's Improved Single Japan Pinks.**—This strain is a great improvement over that ordinarily offered, being a selection from the choicest stocks in cultivation. The flowers are extraordinarily large, of handsome form and embrace the most beautiful colors, ranging from white to the most delicate pink and deep glowing crimson. For beds and cut flowers. Pkt., 5c.; ¼ oz., 20c.

497. **Eastern Queen.**—Beautifully marbled; very striking and pretty. Pkt., 5c.

498. **The Bride.**—(Little Gem.) Handsome, large flowers are pure white, with a deep purplish center, surrounded by a darker ring, forming a very pleasing contrast with the white ground color. **Pkt., 5c.**

499. **Crimson Belle.**—Is of a rich, vivid crimson color. Pkt., 5c.

501. **Snowflake.**—Pure white, handsomely fringed, Pkt., 5c.

502. **Salmon Queen.**—Pkt., (100 seeds) 10c.; 2 for 15c.

503. **Vaughan's Mixture of Single Pinks.**—All the above mentioned single flowering Pinks in splendid mixture. Pkt., (200 seeds) 7c.; ¼ oz., 20c.

505. **"Vaughan's Special" Mixture of Pinks.**

This magnificent mixture contains all the above double and single flowering annual Pinks and will produce the largest variety of colors, as it embraces all the choicest sorts. We cannot recommend this mixture too highly as we know it will give entire satisfaction. **Pkt., (300 seeds) 10c.; 3 pkts. for 25c.; ¼ oz., 30c.**

HARDY PERENNIAL PINKS.

510. **Plumarius.**—(Pheasant's Eye Pink.) Handsome single fringed flowers, white with dark center. Pkt., 5c.

511. **Plumarius Fl. Pleno.**—Double, large-flowering Pheasant's Eye Pink, with fringed edges of various colors; mixed. Pkt., 10c.

512. **Cyclops Perpetual Blooming Pinks.**—A new strain of great beauty. The plants grow 12 to 15 inches high; flowers large, round and produced in great abundance, colors are exquisitely delicate, light rose, copper color, crimson and flesh predominating. A clove-like odor adds to their attractiveness. If sown early, they bloom the first Summer. **Pkt., (100 seeds) 10c.**

ESCHOLTZIA.

(CALIFORNIA POPPY.)

Hardy plants bearing a profusion of richly colored flowers. Sow the seed where the plants are wanted to bloom.

515. **E. Maritima.**—A very pretty sort; whitish-gray foliage; flowers of a bright light yellow, with distinct deep orange spots at the base. Pkt., 10c.

516. **Mandarin.**—Deep orange; a beautiful sort. Pkt., 5c.

517. **Rose Cardinal.**—Very pretty deep carmine. Pkt., 5c.

518. **Fine Mixed.**—Many colors. Pkt., 3c.; ¼ oz., 10c.; oz., 30c.

519. Double White 520. —Yellow 521. —Rose. Each, pkt., 10c.

522. Double Mixed.—The above 3 colors. Pkt., 10c.

523. **Vaughan's Improved California Poppies.**—This mixture includes besides the above single and double sorts, several new and choice colors. Pkt., 10c.; 3 for 20c.; ¼ oz., 30c.

FOUR O'CLOCKS.

(Mirabilis, or Marvel of Peru.)

Large growing, shrub-like plants, with funnel-shaped flowers of many colors. Named from their habit of expanding in the afternoon.

550. **Four O'Clocks Mixed.**—Includes variegated leaved sorts. Oz., 15c.; pkt., 3c.

551. —**Sweet-Scented.**—(LONGIFLORA.) Flowers white and very fragrant. Pkt., 5c.

552. —**New Dwarf Sorts.**—These are fine plants, growing about 12 inches high, each forming a bush covered with flowers. All colors mixed. Pkt., 5c.

564. **Gentiana Acaulis.**—Beautiful blue flowers, with yellow throat. Pkt., 10c.

HARDY PERENNIAL GAILLARDIAS.

562. These are undoubtedly among the choicest of Hardy Perennials; the flowers are large, very numerous, excellent for cutting and of the most brilliant shades of orange, crimson, scarlet and vermillion and very often a combination of all these colors in one flower. Many colors mixed. Pkt., 10c.

556. **FREESIAS.** These pretty bulbous plants, with their sprays of very fragrant and dainty white flowers, can be raised from seed and made to *bloom the first year.* Their beauty and delicate fragrance well repay the care given. Pkt., 5c.

544. FORGET-ME-NOT DISSITIFLORA.

FORGET-ME-NOT, OR MYOSOTIS.

Pretty little clusters of fine, delicate flowers. They succeed best in a damp, shady situation, but will thrive well in any garden soil.

For some fine new varieties, see Novelty Pages.

540. **Myosotis Alpestris,** Blue. Pkt., 5c.

541. —**Alba.** Pure white. Pkt , 5c.

542. —**Robusta Grandiflora.**—(ELIZA FANROBERT.) Flowers large, sky-blue, with clearly defined yellow eye. Pkt., 5c.

543. —**Victoria.**—The flowers are large and of a bright azure-blue, with yellow centers. The plants form neat bushes completely covered with blooms. A valuable variety for cut flowers. Pkt., 7c.

544. —**Dissitiflora.**—One of the best of all the Forget-me-nots. It is of a remarkably compact habit and a profuse bloomer, having the appearance when in full flower of sheets of exquisite blue. Pkt., 10c.

545. **Forget-me-not.**—Mixed. Pkt., 3c.

ECHEVERIA, (Hen and Chickens.)

These Plants are Easily and Cheaply Grown from Seed.

513. **E. Many Varieties Mixed.**—These seedlings will furnish a real surprise, for few people have any idea of the great variety, both in shapes and colorings, that are found among the Echeverias; our mixture comprises all the new sorts. 25 seeds, 10c.; 100 seeds, 35c.; 250 seeds, 75c.

Bouquet of Ornamental Grasses and Everlastings.

Everlasting Flowers.

EVERLASTING FLOWERS.

These are not only very ornamental during the Summer, but very pretty for Winter decoration; last for years when cut and dried.

530. **Ammobium.**—White, on long stems.

531. **Acroclineum.**—Double and single.

532. **Helichrysum** All colors mixed; splendid for bouquets; can be dyed any color.

533. **Gomphrena.** Clover like heads, mix'd.

534. **Rhodanthe.**—Mixed; very pretty sort.

535. **Xeranthemum.**—Double; mixed.

All of these will grow in common garden soil.

Any of above, pkt., 3c.; any 4 for 10c.
One pkt. each of the Six, 15c., postpaid.

528. **EUCHARIDIUM.**—One of the prettiest of California wild flowers. It is an annual; the plants grow about 6 inches high and are completely covered with very pretty flowers of a delicate rose color, with white center. They are very shy seeders. Pkt., 10c.

GERANIUM ZONALE.

GERANIUMS FROM SEED!!!

565. **Splendid Mixed.**—Planted early, they BLOOM THE FIRST SUMMER.

PKT., ONLY 3 CENTS.

566. —**Zonale Varieties.**—Saved from some of the finest collections and many choice and even entirely new varieties may be expected. Pkt., 7c.

567. —**Double Varieties.** Pkt., 10c.

568. —**Lady Washington.** Pkt., 20c.

569. —**Apple-Scented.** Fragrant. Pkt., 10c.

GAILLARDIA, or Blanket Flower.

563. **G. Perfection.**—The now well-known Gaillardia Lorenziana is undoubtedly one of the most valuable annuals we have for cut flowers. This variety is an improvement on the above sort, producing very double flowers as round as a perfect ball, in the most varied colors, and are borne on long, slender stems; when cut will keep over a week. Pkt., 5c.

GLOXINIA.

A magnificent class of house-blooming, bulbous plants, with handsome bell-shaped flowers in a diversity of the richest colors. Our International Mixture contains the finest English, French and German strains; will produce most beautiful flowers.

575. **G. International Mixture.**—The best strain in existence, embracing all the colors, the largest flowers and the latest novelties. Pkt., 25c.

576. **Gloxinia,** fine mixed. Pkt , 10c.

572. **Geum Coccineum Plenum.**—Flowers of a bright scarlet, double; last well when cut. Pkt., 5c.

575. GLOXINIA. Pkt , 25c.

573. **GILEA.**—Free-blooming, dwarf plants, valuable for mixed beds, rock-work, etc. H. A. Pkt., 3c.

577. **Golden Rod.**—Fine yellow. H. P. Pkt., 5c.

574. **GLAUCIUM Luteum.**—Very showy plant, valuable for edging and massing; leaves silvery white, flowers yellow, bell-shaped. 2 feet. Pkt., 5c.

FUCHSIA.

558. Well-known house plants. They bloom the first year from seed if sown reasonably early. Double and single varieties mixed. Pkt., (50 seeds) 15c.

NEW GILIA SNOWBANK. Gilia Dichotoma.

573a. The handsomest, most useful and decorative of the Gilia family. The plants grow about 8 inches high and are actually smothered with flowers which are of snowy whiteness. When planted in a border the effect produced is similar to a ribbon or bank of snow, so completely hidden are the foliage and flower stalks. This plant is useful for all sorts of bedding, especially for park and cemetery work. Pkt., 10c.

GODETIA.

Of hardy annuals none are more beautiful than these; they are of a dwarf habit of growth, the flowers are of handsome shape, in the most brilliant as well as delicate colors and are produced in marvelous profusion. Of easiest culture; a child can grow them.

580. **Godetia, Duchess of Albany.**—Flowers glossy satinwhite, produced in great profusion. Pkt., 5c.

581. —**Bijou.**—White, with dark red spot; forms carpet-like bushes 12 inches in diameter, bearing from 200 to 300 flowers. 10c.

582. —**Dwarf Lady Albemarle.**—Flowers carmine crimson; edges of the petals pale lilac; dwarf, bushy form. Pkt., 5c.

583. —**Lady Satin Rose.**—Unequalled for brilliancy and richness of color. Brilliant, rosy pink, surface like satin. 5c.

584. —**Nameless Beauty.**—Very lovely sort; pearl white with a red blotch. Pkt., 5c.

585. —**Queen of the Fairies.**—White flowers bordered with satin rose, spotted carmine. Pkt., 5c.

● SPECIAL OFFER No. 125. ●

One packet each of the above six varieties for 20 cts.

586. **GODETIAS, many sorts and colors mixed.**—¼ oz., 12c.; pkt., 5c.

587. —**Dwarf sorts mixed.**—Every plant will form a neat little globular bush covered with pretty flowers. (See illustration. Pkt., 5c.; 3 for 20c.

Godetia.

GOURDS.

A GOOD CLIMBER

A class of rapid growing annual climbers which attain a height of 20 feet in a season and are most useful for covering old fences, trellises, stumps, verandas, etc. The foliage is dense and the fruits are of the most curious shapes aud colors. They are very desirable.

590. **Towel Gourd, or Luffa.**—Many ladies prefer a dish-cloth made of this Gourd to anything else, as it is always sweet and clean as long as any part of it is left. Pkt., 5c.

591. **Sugar-Trough Gourd.**—They have thick shells which are very light but durable. Pkt., 5c.

592. **Dipper Gourd.**—Valuable for household purposes; makes an excellent dipper. Pkt., 5c.

595. **Japanese Nest-Egg.**—Resembling in color, shape and size the eggs of hens; are uninjured by cold or wet and therefore make the best nest-eggs. Pkt., 5c.

596. **Hercules Club.**—Longest of all. 5c.

597. **Large Bottle Gourd.**—Handsome and useful. Pkt., 5c.

598. **Ornamental Pomegranate,** or Queen Anne's Sweet-Scented Pocket Melon. A very curious and useful fruit. It makes a pretty vine and a very showy fruit, which has a delicious perfume; carried in the pocket or laid on the mantle it imparts a delicious fragrance; served with sugar it makes a dainty dessert. Pkt., (20 seeds) 5c.

599. **Gourd Orange.**—The well-known Mock Orange. Pkt., 5c.

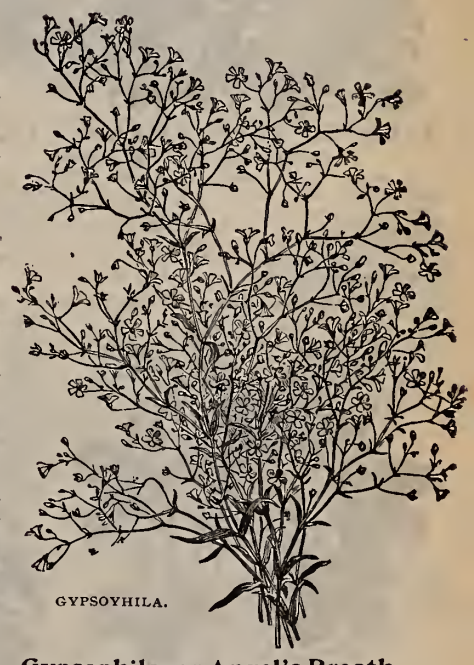
600. —**Apple-Shaped.**—Yellow, beautifully striped. Pkt., 5c.

601. —**Pear-Shaped.**—Striped yellow and green. Pkt., 5c.

602. —**Turk's Turban.**—The most peculiar of all. Pkt., 5c.

603. **Mixed Gourds.**—All the above and many others. Pkt., 5c.; ½ oz., 15c.; oz., 25c.

Gourd Collection. 604. 10 different kinds, 30c. 605. 6 " " 20c.



GYPSOYHILA.

Gypsophila, or Angel's Breath.

608. An annual that should be in every garden, for it thrives everywhere and furnishes the loveliest material for all kinds of bouquets, be they Roses, Carnations, Dahlias or anything else. As our illustration shows, the tiny little flowers are borne in abundance, on long, graceful, branching stems, which lend a most graceful light appearance. Pkt., 5c.; ½ oz., 10c.; oz, 15c.

609. **Gypsophila Paniculata.**—(BABY'S BREATH.) Flowers white; a hardy perennial, which will stay in the ground all Winter. Pkt., 5c.

WILDFLOWER AND CHILDREN'S GARDEN MIXTURE.

Our Wildflower and Children's Garden.

610. There is great need for a spot in the garden that the little ones can call their own, where the daintiest, sweetest flowers, easy of culture and of rapid growth, can be grown for their special enjoyment. Nothing appeals so instantly to a young fancy as bright colors and beauty of form and the influence on the mind when in its most receptive state, of a constant association with nature and its beauties, will be found to create beneficial impressions lasting a lifetime. Not only is the love of the beautiful and the artistic taste aroused, but there also comes a love of order and an incentive to work with a noble object when the child is given a persoual interest in the cultivation of the garden. With a small expense of loving and thoughtful labor, the Children's Garden can be transformed into a delightfully attractive spot, overflowing with charm and fascination in its quaint, exquisite beauty and forming the most instructive of schoolrooms and the happiest of playgrounds. This mixture embraces over 100 sorts of easy-growing flowers most suitable for any bare or unsightly spots in the yard, to sow along fences, on embankments, etc. All the cultivation necessary is some thinning out where the plants are too crowded and to keep the spot clear of weeds.

Our packages contain half an ounce of seed.

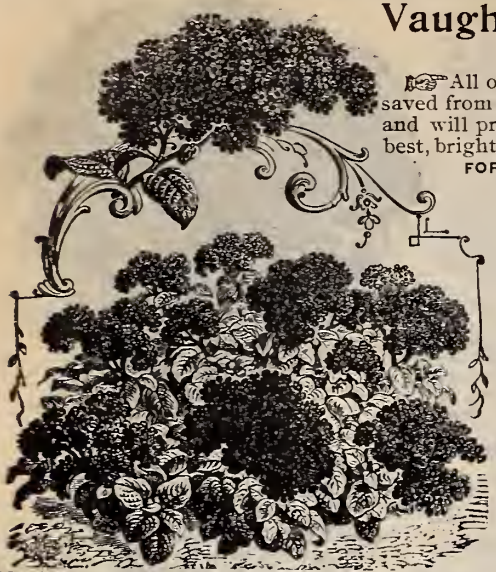
Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., $1.25.

NEW HIBISCUS.

Giant Yellow, or Sunset.

620. The flowers of this magnificent new Hibiscus *are from 6 to 9 inches in diameter.* Their color is a rich, deep cream, with a velvety, crimson maroon center. The plants grow from 3 to 5 feet high, and bear from 10 to 20 of their gigantic bell-shaped flowers at one time. They commence to bloom when the plants are quite young and continue until late in Fall. They are perennials and can be taken up in the Autumn and wintered over, while in the South they are quite hardy. They are very easily grown from seed, which should be started in the house to prolong the flowering season.

Pkt., (40 seeds) 10c.



Vaughan's Prize Hollyhocks.

SEE ALSO NOVELTIES.

☞All our seeds of this beautiful plant have been saved from the finest and largest double flowers only and will produce flowers extremely double and in the best, brightest and most charming colors. Sow early.

FOR ROOTS, SEE PLANT DEPARTMENT.

621. Double White. 622. Pink. 623. Crimson.
624. Canary Yellow. 625. Salmon.
626. **Faust,** black, edged with white.
Per pkt., 10c.; any 3 for 20c.

627. **Vaughan's Prize Hollyhocks.** In the largest variety mixed; includes all the above named separate colors and others. Pkt., (100 seeds) 10c ; 3 for 20c.; ¼ oz., 35c.

628. **Double Hollyhocks.**—A good mixture. Pkt., 5c.

629. **Single Hollyhocks.**—Our mixture contains all colors. Pkt., 10c.

619. **Heuchera Sanguinea.**—A new hardy perennial of great merit. Plants grow about 18 inches high, form neat bushes and produce their flowers in long, graceful trusses of the brightest crimson. They are exceedingly handsome and valuable for cut flowers. Pkt, (100 seeds) 10c.

633. **Ice Plant.**—(Mesembryanthemum.) Suitable for rock work, hanging baskets, etc. Foliage thick, flowers frosted, wax-like. Pkt., 5c.

VAUGHAN'S PRIZE HOLLYHOCKS.

FLOWERING HELIOTROPE PLANTS.

FROM SEED SOWN IN SPRING.

It is but little known that seed sown in February and March will produce large, flowering plants the first Summer. Our mixture contains seed from many named sorts and will produce fine plants with proper treatment. Cultural directions on package.

615. Heliotrope, mixed. Pkt., (100 seeds) 7c.

Helichrysum. (See Everlasting Flowers.)

618. **Hesperis.** (SWEET ROCKET).—Mixed. Pkt., 3c.

Impatiens Sultani. New Hybrids.

635. One of the prettiest plants for pot culture and also out door planting in a half-shaded situation; is remarkable for its long duration of bloom. This mixture contains several new shades of "cerise" dark violet, pink and carmine rose. Its culture is as easy as that of Fuchsias from seed. Pkt., (25 seeds) 10c.

636. **Impatiens Sultani.**—(Zanzibar Balsam.) Produces an abundauce of rosy carmine flowers; is one of the most distinct and beautiful plants for window culture. Pkt., (25 seeds) 10c.

LOBELIA. See also Novelties.

A dwarf plant with delicate, graceful foliage and pretty, fine flowers. Of value chiefly for hanging baskets and borders. H. H. P.

646. **L. Erinus Emperor William.**—Dwarf, dark blue. Pkt., 5c.

647. **——Crystal Palace.**—(Compacta) Deep blue, dark foliage; the best bedding sort; grows only 6 in. high. Pkt., 10c.

648. **——Speciosa.**—Dark blue; best for hanging baskets. Pkt, 5c.

649. **——White Gem.**—Grand sort for ribbon and carpet bedding and for pots 10c.

650. **——Mixed Colors.**—Pkt, 5c.

651. **——Splendens.**—A half-hardy herbaceous plant, producing large, intense scarlet flowers on a long, slender stem. 10c.

640. **LATHYRUS.**—(EVERLASTING PEA) Mixed Pkt., 5c.

642 **LINARIA Cimballaria.**—(KENILWORTH IVY.) Pretty climber. 5c.

643. **LINUM.**—(FLOWERING FLAX.) Flowers bright scarlet. Pkt., 3c.

653. **Lophospermum Scandens.**—Quick-growing, graceful climber, excellent for use in hanging baskets or in a shady situation. Flowers rosy purple. Pkt., 5c.

662. **MAURANDIA.**—A climber having tube-shaped flowers which last until late in the Fall. 10 feet. Mixed. Pkt., 10c.

VARIEGATED JAPANESE HOP.

631. There is no hardier climbing vine than the Japanese Hop and for quick growth, resistance to drouth and insects it has no equal. This new sort possesses all the good qualities of its parent and in addition has beautifully variegated foliage, splashed and streaked with white. 10c.

632. **Japanese Hop.**—One of the most rapid growing, ornamental climbers. Pkt., 5c.

DOUBLE MONKEY FLOWER.

Mimulus Tigrinus Hybridus fl. pl.

680. It grows about 8 inches high, as shown in our illustration, is remarkably free of bloom, the flowers are double and shade in color through pale yellow, golden, flesh, rose, crimson and maroon, handsomely blotched and marked. This bizarre plant is of easy culture, thriving in any moist or shady situation and its georgeous blossoms delight the eye for a long time. Pkt., 10c.; 3 for 25c.

681. **Single Monkey Flower.**—A showy variety with fine, blotched flowers. Pkt., 5c.

682. **NEW DWARF MUSK PLANT.**—It is very free blooming, of close, compact growth and only 3 or 4 inches high. Blossoms are of full size and exquisite fragrance. Pkt., 10c.

683. **M. MOSCHATUS, Musk Plant.**—Pkt., 5c.

LEMON VERBENA.

641. The seed of this grand old favorite is very scarce. Our seed is fresh and pure. The leaves are delightfully fragrant and refreshing. It grows easy from seed and lives from year to year. Pkt., (60 seeds) 7c.

638. **Lantana Hybrida.**—A very pretty perennial plant, suitable to out-door use in Summer and to house culture. Flowers Verbena-like, in many colors. Pkt., 5c.

654. **LUPINUS.**—Tall. Mixed, Pkt., 3c.

655. **——Dwarf Sorts.** Mixed. Pkt., 5c.

656. **True Blue Lupin.**—*Lupinus Subcarnosus.* Anyone who loves blue flowers, such as Blue Sage or Blue Cornflower, should have a packet of this handsome Lupin. Plants grow about 15 inches high, and the seed is sown right in the open ground. Pkt., 5c.

LANTANA.

MARIGOLDS.

EVERYBODY knows Marigolds, or as they are also called Indian Pink or Indian Rose. Their odor is perhaps not agreeable to everyone, but this little defect is largely compensated for by the beauty of both flowers and plants, the long duration and usefulness of their blossoms and their extreme hardiness and ease of culture. The foliage is **always green** and handsome, even during the hottest months; insects will rarely ever attack them; they are **always in bloom.** The colors are of the brightest, rich golden-yellow, a shade by no means common amongst flowers, lemon-yellow, orange and brown. The flowers of the tall sorts are of immense size, often attaining a circumference of twelve inches and over and are as double as a rose.

ELDORADO MARIGOLD.

NEW FRENCH MARIGOLD.

668. **LEGION OF HONOR.**—One of the prettiest and handsomest of the Marigolds. The plants grow 9 inches high, are insect and drought proof and will bloom from the middle of Summer until late in Fall. Flowers rich, golden yellow marked with velvety brown. Pkt., 5c.

663. **Eldorado.**—Immense flowers 9 to 14 inches around; double; primrose, lemon, orange and golden shades. 3 feet. Pkt., 5c.; ¼ oz.. 15c.

664. **Lemon Queen.**—Flowers are very large and double, plants about 18 inches high; form handsome, globular bushes. Pkt., 5c.

671. **Dwarf Gold Striped Marigold.**—Rich, velvety maroon, striped with gold. Pkt., 5c.

670. **Double French Marigold, Mixed.**—Pkt., 3c.; ½ oz., 15c.

672. **Imported Collection of Double French Marigolds, 6 colors, 20c.**

673. **Cape Marigold.**—(CALENDULA.) Mixed colors. Pkt., 3c.

674. **Vaughan's Special Mixture Dwarf Marigolds.**—Pkt., 10c.; 3 for 25c.

665. **Double African Marigold, Mixed.**—Pkt., 3c.; ½ oz., 15c.

666. **Imported Collection of Double African Marigolds, 6 colors, 20c.**

667. **Vaughan's Special Mixture of Double Tall African Marigolds.**—Per pkt., 10c.; 3 for 25c. Includes all the best colors; made from separate sorts.

675. **MATRICARIA, Double Feverfew.**—Lovely little plants with double white flowers and pretty, curled foliage. Pkt., 5c.

676. **MARTYNIA.**—A plant with singular seed vessels; used for pickles. 5c.

688. **MEXICAN FIRE PLANT.**—(*Euphorbia Heterophylla.*) Grows 2 to 3 feet high, with smooth, glossy leaves which become dark, fiery scarlet. A most attractive object on the lawn; easy to cultivate. Pkt., 10c.

Vaughan's Giant Machet.

690. There is no Mignonette which can equal this. Its flowers are larger in every way than those of other sorts, the spikes are very dense, its foliage is distinct, being crinkly, while its odor is strong and most delicious. The plants grow in handsome bush form and the flower spikes are borne on stiff, wiry stems. It is the **Best Mignonette** for all purposes, either in pots or for the garden. It is an **Everbloomer,** the flowers lasting until late in the Fall. We supply this sort largely to our florist customers. Our seed is grown with the most scrupulous care and it gives entire satisfaction. Do not fail to get **Vaughan's Giant Machet** for sowing in your garden and another package to sow in pots in June or July to bloom next Winter.

Pkt., 10c.; 3 for 25c.; ½ oz., 40c.; oz., 65c.

Mignonette. SEE ALSO NOVELTIES.

VAUGHAN S GIANT MACHET MIGNONETTE

NEW GOLDEN MACHET.

691. This new Mignonette possesses all the excellent qualities of the red-flowering Machet (Vaughan's Giant). Like the Machet, a splendid variety for pots and cut-flowers, while the long, massive spikes are crowded with golden-yellow blossoms. This is a very valuable and distinct novelty. Pkt., (200 seeds) 10c.

ALLEN'S DEFIANCE.

692. When grown under favorable conditions and with proper care, the spikes will grow from 12 to 15 inches long. The flowers are of most delicious fragrance. The individual florets are of large size and stand out boldly, forming a graceful as well as compact spike. It also possesses extraordinary keeping qualities, the spikes having kept three weeks after cutting, retainiug their grace and fragrance to the last Pkt. (200 seeds) 10c.

693. **Giant Red.**—This wonderful Mignonette grows 12 to 16 inches in height, in pyramidal form; **its enormous Flower Spikes** are of the largest size, the individual blossoms of an **intense red color** and are very sweet-scented. One of the best for cut flowers and pots. Pkt ,10c.; ¼ oz.,20c.

694. **Large-Flowering Pyramidal.**—Flowers very sweet; stems large and stiff. One of the best for cut flowers. Pkt., 5c.

695. **Grandiflora.**—Large-flowered. **¼ lb., 25c.; oz., 10c.; pkt., 3c.**

696. White Diamant.—New, pure white, sweet. Pkt., 10c.

697. Parson's White.—Distinct, almost white. Pkt., 5c.

698. **Gabriele.**—New, red-flowering; very sweet, spikes very thick; one of the best. Pkt., 10c.

699. Nana Compacta Multiflora.—Dwarf; flowers red and very sweet. One of the best for pot culture. Pkt., 5c.

701. Golden Queen. Distinct sort, golden flowers. Pkt., 5c.

702. **Mixture of many sorts.**—Oz., 20c.; ½ oz., 12c.. pkt., 3c.

703. **Giant White Spiral.**—Very long, white spikes produced in great abundance; a most excellent cut flower; is not fragrant. Pkt., 5c.

704. SPECIAL OFFER No. 130. One pkt. each Giant Machet, Golden Machet and Giant White Spiral for 20c.

MINA SANGUINEA.

A GOOD CLIMBER

708. One of the most beautiful annual climbers in our list; a very profuse and early bloomer. The vines attain a height of 20 to 30 feet very rapidly. the leaves resemble oak leaves and the flowers are borne in large clusters. Blood red, yellow throat. Pkt., (25 seeds) 10c.

MINA LOBATA.

709. A charming Mexican climber, with tube-shaped flowers produced in the greatest profusion. In color they are particularly attractive, the buds being first of a bright red, but changing through orange-yellow to creamy white when fully expanded. The foliage is very handsome, dense and luxuriant; of vigorous growth; attains a height of 12 ft. Pkt., (20 seeds) 10c.

710. **Mina Sanguinea and Lobata, Mixed.**—Pkt., (20 seeds) 10c.

MORNING GLORIES.

SEE ALSO NOVELTY PAGES.

715. **Morning Glory.**—Imported collection of 8 distinct colors, 20c.

716. White, 3c. 717. Blue, 3c. 718. Crimson, 3c. 719. Striped, 3c.

720. **Morning Glory.**-Mixed colors. Lb., 65c.; ¼ lb., 20c.; oz., 10c.; pkt., 3c.

DWARF MORNING GLORIES.

721. These should more justly be called **Everblooming Morning Glories,** for they are covered with flowers from June until late in Fall. The only annual that equals it in freedom of bloom is the Godetia. The flowers are of the same size and shape as the tall or climbing Morning Glory. The colors are most varied, pleasing and delicate. Many colors mixed. Oz., 15c.; pkt., 3c.

722. **Convolvulus Mauritanicus.**—Beautiful blue flowers. Pkt., 5c.

723. **Brazilian Morning Glory.**—(IPOMŒA SETOSA.) A grand and luxuriant twining vine. The thick stems and leaf stalks are covered with reddish-brown hairs. The deeply lobed leaves are from 8 to 12 inches across. Flowers about 2 inches in diameter, of delicate texture, tinted pink, with a five-pointed star of satiny-pink and are followed by curious seed pods. Pkt., (15 seeds) 10c.

724. **Noonday Glory.**—(SINUATA.) Leaves slender, tough and hairy; flowers bell-shaped, in clusters; pure white, with wine-red throat. A splendid climbing vine whose flowers open at sunrise and close at sunset. Pkt., (15 seeds) 10c.

725. **HEAVENLY BLUE.**—Foliage very large, heart-shaped; flowers 4 to 5 inches across, in large clusters, and produced in such abundance as to nearly hide the foliage. The color is the most magnificent sky-blue. Pkt., (20 seeds) 10c.

726. **Leari.**—Satiny-blue; crimson bars. Pkt., (12 seeds) 10c.

727. **Bona Nox.**—(Evening Glory.) Violet; flowers large and fragrant, especially in the evening. Pkt., 5c.

728. **MOONFLOWER, Ipomœa Noctiflora.**—It bears lovely white flowers, five to six inches in diameter, with a five-pointed star in the center; the flowers open at dusk or earlier on cloudy days at which time they are deliciously fragrant. Start the seed in the house and set out as early as is safe in the Spring. Pkt., (10 seeds) 7c.

MOONFLOWER.

729. **SPECIAL OFFER No. 132.**—One packet each of White Moonflower, Heavenly Blue, Brazilian Morning Glory and Noonday Glory for 25c.

730. VAUGHAN'S SPECIAL MIXTURE OF MORNING GLORIES.

THIS mixture contains besides the Imperial Japanese Morning Glories (see novelties) a large percentage of double-flowering varieties and the following new sorts, which can be had only in this mixture: **Adonis,** flowers of gigantic size, light purple, with snowy-white throat; **Aglaia,** leaves marbled with silver, flowers large, crimson, with white throat; **Antigone,** flowers very large, sky-blue, with pink throat; leaves mottled white; **Asteria,** flowers very large, copper-red, with white throat, a color not found in any other flower; **Aurata,** flowers lilac or porcelain blue, with ruffled edges which contrast most pleasingly with the golden foliage; **Ceres,** this has large, crimson flowers, with a broad white edge and white throat. It also contains the **Ruffled and Frilled "Collata"** varieties and **Euphrosyne,** a variety with immense white flowers with pink throat. Each packet will also contain five seeds of the **New Yellow Morning Glory,** from our correspondent, a private grower in Japan. **Price, per pkt.,** (35 seeds) **15c.; 2 pkts. for 25c.**

Nemesia Compacta Elegans.

801. A very pretty hardy annual with an abundance of pretty little flowers of a soft lavender or pale rose color. The flowers are produced through almost the entire Summer and the plants are very well suited for beds and borders. Pkt., (120 seeds) 10c.

NIGELLA, OR LOVE IN A MIST.

ORNAMENTAL GRASSES.

812. These are most useful for Winter bouquets; enormous quantities of them are annually grown in Germany and exported to the United States, where they are made up into bouquets with Everlasting Flowers. They are easily grown in any soil. Pkt., 10c.; 3 for 20c.

Nigella, or Love in a Mist.

One of the prettiest and hardiest annuals. Sow seed in the Spring in open ground.

803. Nigella, Double Blue and White Mixed. Pkt., 5c.

Oenothera, "Evening Primrose."

805. Neat plants, with large saucer-shaped flowers, white or golden-yellow; open at dusk; emit a delightful perfume. Pkt., 5c.

Oenothera, or Mexican Primrose.

806. A most desirable plant for Summer and Autumn blooming. The plants grow about 10 inches high and are covered with large flowers of a beautiful pink with a white center. Useful both for pots and outdoors. Pkt., (about 250 seeds) 10c.

Oxalis Rosea Mixed.

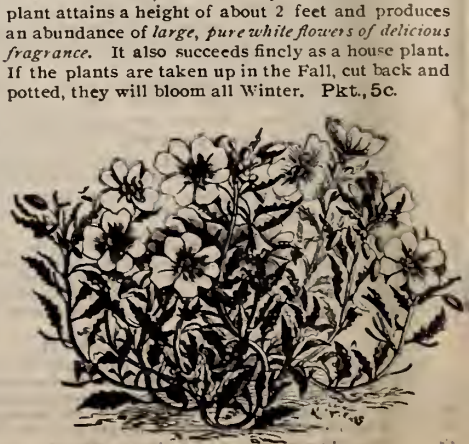
808. A most excellent little plant for borders or pots; blooms all Summer in the greatest profusion; flowers dark rose, delicate pink and white. Pkt., 5c.

Oxalis Tropaeoloides.

809. Suitable for rock work, rustic baskets, etc.; largely used in parks. Flowers deep yellow, leaves brown; height, 6 inches. Pkt., (150 seeds) 5c.

Note our Liberal Discounts on Seeds in Packets.

802. **NICOTIANA AFFINIS.**—(SWEET-SCENTED TOBACCO PLANT.) This recently introduced Tobacco plant attains a height of about 2 feet and produces an abundance of *large, pure white flowers of delicious fragrance.* It also succeeds finely as a house plant. If the plants are taken up in the Fall, cut back and potted, they will bloom all Winter. Pkt., 5c.



OENOTHERA, "EVENING PRIMROSE."

VAUGHAN'S NASTURTIUMS

NEW LILLIPUT NASTURTIUM.

740. This new class of Dwarf Nasturtium might be styled a miniature form of the Lobb's Nasturtium, being evidently a sport from this beautiful climber. The plants and flowers are both smaller than those of the Dwarf Nasturtium and present a most charming appearance. The dainty little flowers are produced in abundant profusion right over the prettily veined leaves. This new mixture contains all the rich velvety and soft color variations of the Nasturtium family and some new shades such as are produced in our Madame Gunther's Hybrids. We consider this one of the best introductions of last season and we know it will give entire and general satisfaction.

Pkt.,(25 seeds) 5c.; ½ oz., 15c.; oz., 25c.

DWARF, OR TOM THUMB VARIETIES.

PRICE: Any of the following, pkt., 3c.; oz., 10c.

741. **Aurora.**—Deep chrome yellow, the two lower petals blotched and veined carmine.
742. **Beauty.**—Scarlet, splashed canary.
743. **Chameleon.**—Straw color, spotted; veined with red.
744. **Crystal Palace Gem.**—Sulphur, maroon spots.
745. **Empress of India.**—A splendid dwarf variety, very dark leaves; crimson flowers. The true dark-leaved sort is scarce.
746. **Golden Cloth.**—Distinct and striking. The foliage is of a bright yellow, while the flowers are intense scarlet.
747. **Golden King.**—Brilliant yellow.
748. **King Theodore.**—One of the best dark red sorts, with dark, bluish-green foliage; a great favorite with florists.
749. **King of Tom Thumbs.**—Intense deep scarlet flowers, dark foliage; very handsome.
750. **Prince Henry.**—A new and novel sort; the flowers are of a beautiful golden-yellow, spotted and marbled with brilliant scarlet, which in combination with the dark green foliage presents a striking appearance.

751. **Lady Bird.**—The ground color is a rich golden-yellow, each petal is barred with a broad vein of bright, ruby crimson.

752. **New Bronze.** 753. **Rose.**—Pleasing color.
754. **Ruby King.**—Peculiar blue-tinted red.
755. **Scarlet King.**—Brilliant scarlet.

756. **Pearl.**—Creamy white.
757. **Spotted King.**—A very handsome sort.
758. **Terra Cotta.**—A novel color.

759. **Park Collection No. 1.**—Ten Varieties of Dwarf Nasturtiums, our choice, one packet each, for **20c.**

760. **Park Collection No. 2.**—1 Oz. each of 10 Varieties of Dwarf Nasturtiums, our choice, for **80c.** (This price is net, without discount.)

761. **"VAUGHAN'S SPECIAL" Mixture of Dwarf Nasturtiums.** All the above sorts and "Lilliput" in even mixture, put up by ourselves; will furnish the most beautiful bed.
Lb., $1.50; ¼ lb., 50c.; 2 ozs., 25c.; oz., 15c.; pkt., large size, 10c.; 2 for 15c., postpaid.

762. **DWARF NASTURTIUM, Mixed.**—MANY COLORS. Lb., 75c.; ¼ lb., 25c.; 2 ozs., 15c.; oz., 10c.; pkt., 3c., postpaid.

TALL VARIETIES.

Price, any kind, Per oz., 10c.; pkt., 3c.

763. **King Theodore.**—Rich, deep crimson, dark leaves; most striking variety of its class.
764. **Edward Otto.**—Velvety bronze.
765. **Hemisphericum.**—Straw color, with rosy scarlet blotches.
766. **Heinemanni.**—Silky bronze chocolate.
767. **Tall Pearl.**—Cream white.
768. **Tall Prince Henry.**—NEW. Flowers light yellow, marbled and striped with bright scarlet; very fine.

769. **Straw Color.**—Distinct.
770. **Dunnett's Orange.**—Golden shade.
771. **Schuermani.**—Striped yellow and crimson.
772. **Shillingi.**—Bright yellow; maroon blotches.
773. **Scarlet.** 774. **Scarlet Striped.**
775. **Crimson,** glossy. 776. **Light Yellow.**
777. **Violet Ruby.**—Unique color.
778. **Von Moltke.**—Bluish pink.
779. **Golden Cloth.**—NEW. Flowers bright scarlet, foliage golden-yellow; distinct.

780. **Tall Nasturtium, Mixed.**—Many colors. Lb., 70c.; ¼ lb., 25c.; oz., 10c.; pkt.; 3c., postpaid.

781. **"Tall Collection," No. 1.**—Ten varieties, our choice, one packet each, for 20c.

782. **"Tall Collection," No. 2.**—Ten varieties, our choice, one ounce each, for 80c.

LOBB'S NASTURTIUM

Price, any kind, oz., 15c; pkt, 5c.

They are as easily grown as the common Tall Nasturtium, which they far surpass in brilliancy of their flowers, in height, rapid growth and freedom of bloom. Also very desirable for Winter blooming.

783. **Asa Gray.**—The lightest color of all Nasturtiums; pale sulphur yellow; very delicate.
784. **King of the Blacks.**—Deepest brown.
785. **Spitfire.**—Bright scarlet, very effective.
786. **Giant of Battles.**—Sulphur, spotted red.
787. **Lili Schmidt.**—Scarlet.
788. **Napoleon III.**—Golden
789. **Cardinal.**—Scarlet.
790. **Lucifer.**—Bright, glowing scarlet.
791. **Lobb's Nasturtium, Mixed.**—All the above and others. Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

792 **"VAUGHAN'S SPECIAL" Mixture of Tall Nasturtium.** Includes all the above sorts of Tall and Lobb's Nasturtiums and the beautiful **"New Hybrids of Mad. Gunther,"** (see description on the inside front cover) and the Canary Bird Creeper and is the finest mixture ever offered.
Lb., $1.35; ¼ lb., 45c.; 2 ozs., 25c.; oz., 15c.; pkt., large size, 10c., postpaid.

CHICAGO PARKS BEDDING PANSIES

This is the best strain for bedding purposes. The plants are of vigorous, even growth, the flowers are large and of good substance.

Per pkt., any of the following, 3c.; 6 for 15c., except where noted. Our pkts. of Chicago Parks Bedding Pansies contain 75 seeds and over

815. Azure Blue.—Velvety, dark.
816. Baron Rothschild.—Brown blotches.
817. **Black, with Red and White Margin.**—Handsome. Pkt., 10c.
818. **Black, with Red and Yellow Edge.**—Pkt., 10c.
819. **Black, with Gold Bronze.**
820. Blue Black.—Splendid for bedding.
821. **Brown and Gold.**—New. The oddest shades. Pkt., 5c.
822. **Cardinal Red.**—New. Rich, brownish scarlet. Pkt., 5c.
823. Coppery Scarlet.—Very bright.
824. Dark Blue.—Large.
825. **Dark Colors.**—Mixed.
826. **Deep Yellow.**—Very rich.
827. **Dr. Faust.**—Deep jet black.
828. **Emperor William.**—Ultra-marine blue, with dark center.
829. ENGLISH "Face Pansy."—A fine bright blue color. Pkt., 5c.
830. Fire Dragon.—Fiery orange; dark eye. Very effective.
831. **Gold Margined.**—Most distinct.
832. **Fire King.**—The three lower petals eac have a deep brown-red blotch with a broa margin of yellow, while the upper two petal are of a most intense fiery red. Pkt., 5c.
833. **Golden Gem.**—Golden-yellow, witho black center. Pkt., 3c.
834. Havana Brown.—Glossy brown.
835. Large Spotted White.—One of the larges a fine bedder. Pkt., 10c.
836. Large Spotted Yellow, blue edge.- Distinct. Pkt., 10c.
837. **Light Blue.**—Delicate shade.
838. **Lord Beaconsfield.**—Purpl violet, shading off to lavender.
839. Mahogany Colors.
840. Marbled Mixed.—Very handsom
841. **Odier, or Five-Blotched.** Each petal has a large blotch, wit clearly defined margin. Pkt., 10
842. **Peacock.**—Upper and lower petals royal purple, shot with peacock blue. Coloring is truly beautiful. Pkt., 10c.
842a. Prince Bismarck.—Bronze and light brown.
843. Quadricolor, or Pheasant's Eye.—One of the prettiest. Upper petals sky-blue, edged with violet; lower petals spotted and marbled.
844. Rosy Lilac.—A pretty shade.
845. Silver Edge.-Dark, light edge.
846. **Snow Queen.**-White, pure.
847. **Striped, or Fancy.** 5c.
848. Velvet Brown.—Rich shades.
849. **White.**—With dark center.
850. COQUETTE de POISSY.—Of a lovely, distinct slate, or mouse color, of good size and form. Pkt., (75 seeds) 5c.
851. **Chicago Parks Bedding Pansies, Mixed.**—All the above. Pkt., (100 seeds) 3c.; 4 for 10c.; ⅛ oz., 25c.; oz., $1.50.

ODD PANSIES

852. Our Pansy Mixture r ceived the only medal at the World Fair. Our strains are the only ones th contain an extra large proportion of red stripes, browns, gold-edged and like colors, selecte for their odd and distinct markings. The admiration thousands for these shades has prompted us to put up a speci mixture of such aloue. Pkt., (100 seeds) 10c.; 3 for 20c.

Sweet-Scented Pansies.

853. This lovely new class is the result of a hybridizatic or crossing of the Pansy with the Sweet Violet, retaining tl delightful Violet perfume, with Pansy blooms 2 inches diameter, of good substance and in many colors. They inclu pure white, yellow, black, maroon, orange and lavender, al striped, blotched, feathered, etc. Pkt, 15c.; 2 for 25c.

Vaughan's Premium Pansies....

WHILE the Giant-Flowered Pansies are great favorites on account of the immense size of their flowers, **Vaughan's Premium Pansies** excel in their endless variety of color, combined with perfection of form and velvety texture and substance of their petals. This strain, most celebrated all over Europe, is from a specialist who has devoted his life to the improvement of these flowers; no better strain is to be had. It is impossible to describe them, as they embrace all colors and markings.

856. **Vaughan's Premium Pansies in Splendid Mixture.**—Pkt., (120 seeds) 10c.; 3 for 25c.; ⅛ oz., $1.00. **Special Offer No. 133.**—1 pkt. each, Nos. 856 and 890 for 25c.

Vaughan's Mixture of Scarlet and Red Pansies

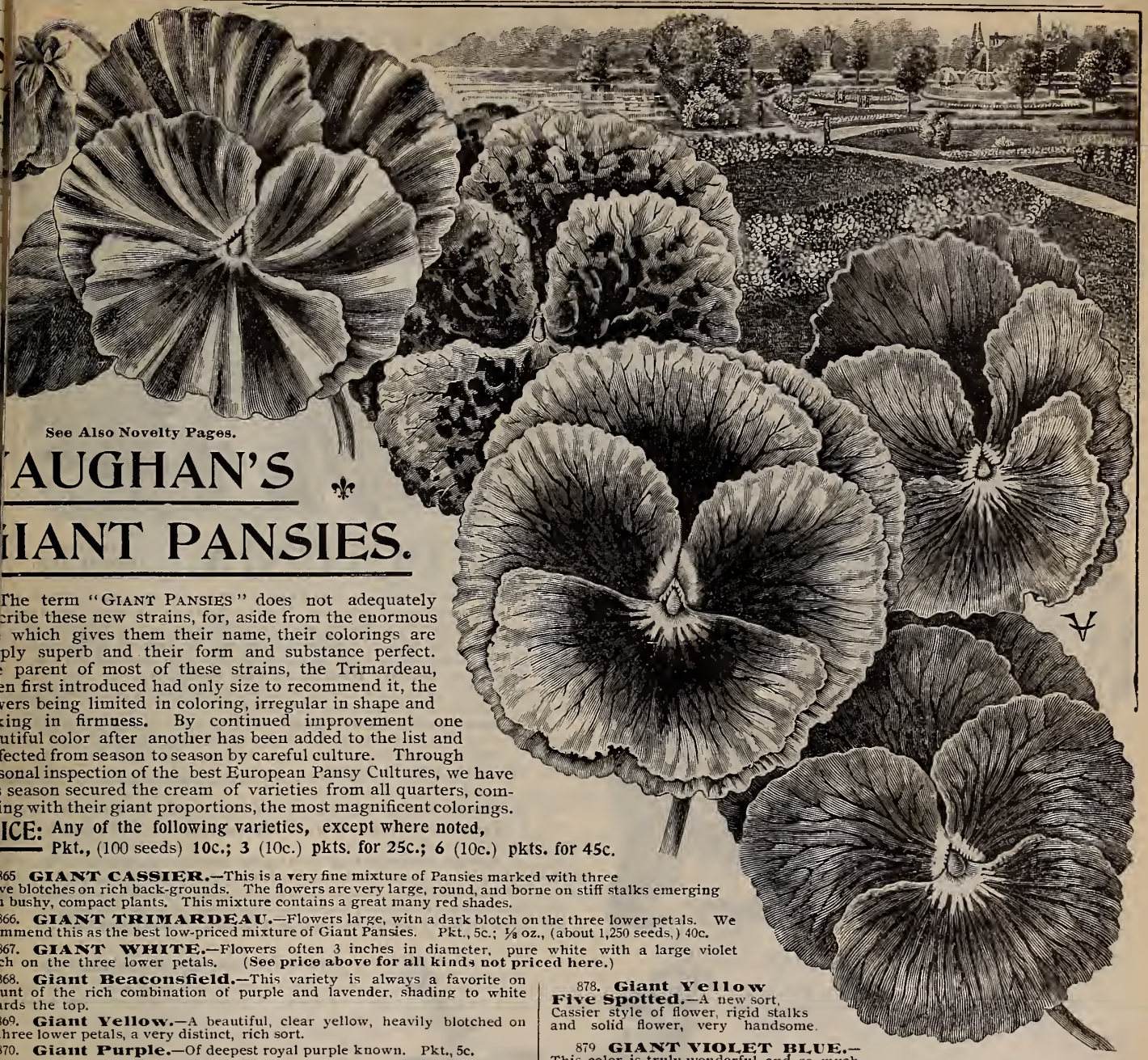
854. This is a mixture of special selections of Pansies wit red and scarlet flowers. It is partly made up of such varieti as Meteor, Red Ridinghood, Cardinal, Fiery Faces and al from some special selections we had made for this mixture t several Pansy specialists. A bed of these Pansies presents striking and beautiful effect and will please every lover of th favorite flower. Pkt., (100 seeds) 10c.; 3 for 20c.

Vaughan's Mixture of Fancy Striped Pansies

855. This contains the Giant Striped, the New Parisian, Harlequin Striped and several other strains of striped ar mottled Pansies on various and contrasting backgrounds.

Pkt., (100 seeds) 10c.

One pkt. each Nos. 854 and 855 for 15c.



See Also Novelty Pages.

VAUGHAN'S GIANT PANSIES.

The term "GIANT PANSIES" does not adequately scribe these new strains, for, aside from the enormous which gives them their name, their colorings are ply superb and their form and substance perfect. parent of most of these strains, the Trimardeau, en first introduced had only size to recommend it, the vers being limited in coloring, irregular in shape and king in firmness. By continued improvement one utiful color after another has been added to the list and fected from season to season by careful culture. Through sonal inspection of the best European Pansy Cultures, we have s season secured the cream of varieties from all quarters, com- ing with their giant proportions, the most magnificent colorings.

RICE: Any of the following varieties, except where noted, Pkt., (100 seeds) 10c.; 3 (10c.) pkts. for 25c.; 6 (10c.) pkts. for 45c.

865 **GIANT CASSIER.**—This is a very fine mixture of Pansies marked with three ive blotches on rich back-grounds. The flowers are very large, round, and borne on stiff stalks emerging m bushy, compact plants. This mixture contains a great many red shades.

866. **GIANT TRIMARDEAU.**—Flowers large, with a dark blotch on the three lower petals. We ommend this as the best low-priced mixture of Giant Pansies. Pkt., 5c.; ⅛ oz., (about 1,250 seeds,) 40c.

867. **GIANT WHITE.**—Flowers often 3 inches in diameter, pure white with a large violet tch on the three lower petals. **(See price above for all kinds not priced here.)**

868. **Giant Beaconsfield.**—This variety is always a favorite on ount of the rich combination of purple and lavender, shading to white vards the top.

869. **Giant Yellow.**—A beautiful, clear yellow, heavily blotched on three lower petals, a very distinct, rich sort.

870. **Giant Purple.**—Of deepest royal purple known. Pkt., 5c.

871. **Giant Emperor William.**—Color splendid ultra-marine blue h purple-violet eye.

872. **Giant Auricula Colors.**—Of especially good substance and utiful shadings of copper and mahogany colors.

873. **Giant Coal Black.**—A jet black of truly giant size.

874. **GIANT COPPER COLOR.**—Can be had from us only.

875 **GIANT PINK.**—An entirely new color, resembling Hydrangea vers, many delicate shades of pink, immense flowers of good substance.

876. **Giant Aurora.**—Flowers large, color pure white without blotches.

877. **Giant Golden Queen.**—Like above, Trimardeau size of vers, clear golden yellow, with a few dark pencilings in the center.

MAMMOTH BUTTERFLY PANSIES.

883. The flowers are very large, of good form and substance and produced ely. In coloring they are varied, seldom two alike in an hundred plants. ey are mottled and spotted, streaked, tigered and splashed, while the colors mainly those rich wine-reds, chocolate, velvety red-brown, lavender, violet purple shades which are only found in a Pansy blossom. We offer a ction made by us from the original introducer's strain, at the moderate ce of 10c. per pkt. of 250 seeds.

878. **Giant Yellow Five Spotted.**—A new sort, Cassier style of flower, rigid stalks and solid flower, very handsome.

879 **GIANT VIOLET BLUE.**—This color is truly wonderful and so much like a Violet that one might take a bed of them in the distance for Violets. The flowers are of immense size, noble form and of rich velvety texture, no other Pansy flower can compare with it in magnificent luster.

880. **Giant Fancy Striped.**—A beautiful mixture. The flowers are striped and mottled in various tints on contrasting grounds.

881. **GIANT BUGNOT.**—Its flowers are of enormous size and circular form; the petals are of great substance and velvety appearance, each one bearing a large, deeply colored blotch that runs out in delicate veins to the edge; the shadings comprise tints of red, bronze and brown not found in any other mixture. Pkt., 15c.

882 **GIANT FIERY FACES.**—The flowers are of fine form, good texture, and the color a very bright scarlet with a gold edge and yellow center, while the three lower petals are marked with a deep, almost black spot, which gives the flower the face-like appearance. It is a very effective sort and equally handsome if planted alone or with other sorts.

884. **GIANT PARIS PANSY.**—Thousands of these Pansies are sold daily in the Paris markets. The flowers of this strain are as large as the Trimardeau and far superior in color and in substance of petals; the blotches are more conspicuous. Having a stout and stiff flower stem, flowers last longer.

aughans "Giant Pansy Mixture."

890. Embraces besides all the above shades and colors, five special strains not listed elsewhere in this Catalogue, and which can only be d in this and our International Pansy. This mixture includes the richest reds, coppers and bronzes together with the most delicate e and pink shadings, all the distinct colors of Trimardeau, the splendid Cassier strain with its delicate veinings. We have spared no pense to secure the newest, richest and finest sorts.

Price, ⅛ oz., $1.00; pkt., [250 seeds] 20c.; 3 for 50c. 891. **The same, pkt. of 100 seeds, 10c.**

AUGHAN'S COLLECTION OF GIANT PANSIES.

892. **One pkt. each, Giant White, Giant Cassier, Bugnot, Giant Yellow, Giant Striped, Giant Violet Blue, and Giant Pink, for 60 cts.**

PETUNIA.

SEE ALSO NOVELTIES.

FOR freedom of bloom, variety of colors, ease of culture and effectiveness these rank with the Asters, Phlox and Verbenas. If only a little care is bestowed upon them, Petunias will produce their handsome, sweet-scented flowers in their delicate and gorgeous colors throughout the whole Summer. Our mixtures are superior to those ordinarily supplied, as they are made up by ourselves in the right proportion of colors.

900. **Petunia, Dwarf Blotched and Striped.**—Each plant forms a complete bush 5 to 8 inches high, covered with cherry-red flowers, marked with a pure white star; a remarkably pretty plant. Pkt., 10c.

901. ——**Blotched and Striped.**—Flowers with star-shaped blotches of symmetrical form; fine for bedding and window boxes. Pkt., 5c.; ⅛ oz., 20c.

902. ——**White.**—Suitable for cemetery. Pkt., 5c.; ⅛ oz., 20c.

903. **PETUNIA, FINEST MIXED.**—A choice strain, including many of the large-flowering varieties. Pkt., 7c.; ⅛ oz., 25c.

905. **Petunia, Good Mixed.**—Many colors. Pkt., 3c.; ⅛ oz., 12c.

906. **Large-Flowering Single Petunias.**—In extra choice mixture. Pkt., (120 seeds) 10c.; 3 for 25c.

907. ——**Large-Flowering Fringed Sorts.**—(*Fimbriata.*) A superb strain of elegant, finely fringed flowers, measuring over 4 inches in diameter; remarkable for brilliancy and variety of color. Seed from fine specimens. Pkt., (175 seeds) 20c.

908. **Collection of Large-Flowering Petunias, 12 Sorts, 75 cts.**

909. **Collection of Large-Flowering Petunias, 6 Sorts, 45 cts.**

VAUGHAN'S DOUBLE PETUNIAS.

910. This is a mixture of the best large-flowering and fringed double Petunias. Seed is saved from plants grown in pots, carefully hand fertilized and will produce grand flowers. Of course everyone knows that only a certain percentage of double flowers may be expected from seed, but our mixture will produce from 20 to 30 per cent. of doubles, while the remainder will be choice, large, single flowers. Pkt., (200 seeds) 30c.

911. P. Double Pure White.—(LADY OF THE LAKE.) Pkt., (200 seeds) 50c.

912. ——Double Lilliput.—Covered with double flowers, spotted, blotched and self-colored. The plants grow low and quite bushy. Pkt., (250 seeds) 25c.

913. Extra Large-Flowering, Double Fringed. —Pkt., 25c.

914. **Collection of Double Fringed Petunias, 6 varieties, 60c.**

915. **Collection of Double Fringed Petunias, 12 varieties, $1.00.**

PENTSTEMON.

Among popular and hardy plants few surpass Pentstemons for their usefulness and ornamental character. They commence to bloom in June and continue until late in Fall. They are very attractive and indispensable for beds, borders and cut-flowers. The flowers are half pendant, bell-shaped and marked and marbled in beautiful bright shades. They should be planted in a rich, open soil and protected during Winter.

920. P. Finest Hybrids.—A splendid mixture. Per pkt., 10c.

PENTSTEMON.

Petunia Giants of California.

917. These Petunias have been widely advertised of late and we found them on a visit at the originators to be remarkably fine. The flowers are very large and the colors embrace every conceivable shade of crimson, white, violet, lavender, etc.

Pkt., (200 seeds) 15c.; 2 for 25c.

Giant "Emperor" Petunia.

918. Very large, wide open flowers, with colorings and markings quite distinct from other Petunias. The solid colors are particularly rich and velvety. Some of the crimson blossoms have pink stars, some pure white stars, others distinctly striped; other colors are mauve, mottled white, violet and pure white.

Pkt., (200 seeds) 10c.; 3 for 25c.

"Vaughan's Best" MIXTURE OF LARGE-FLOWERING PETUNIAS.

919. This mixture is made by ourselves and includes besides the Giant Ruffled, the Giant Emperor and the California Giants, all the colors of the Large-Flowering and Fringed sorts and the unsurpassed Superbissima varieties, with their delicately veined throats in various colors, and their truly mammoth flowers. We are positive that no other Petunia mixture can produce flowers with as wide range of colors as "*Vaughan's Best.*"

Pkt., (250 seeds) 25c.; 3 pkts. for 60c.

Should you receive two copies of this Catalogue you will confer a favor by handing the extra copy to a friend who has a garden.

LARGE FLOWERING PHLOX.

Vaughan's Phlox

The Phloxes are certainly amongst the showiest and most easily managed of all hardy annuals. They grow well in almost any garden soil, and from June until October maintain an endless display of brilliant and varied colored flowers.

930. **Phlox Drummondi.**—MANY COLORS MIXED. ¼ oz., 15c.; pkt., (150 seeds) 5c.
931. **Collection** of 6 distinct colors, 20c. | 932. **Collection** of 12 distinct colors, 40c.

LARGE-FLOWERING PHLOX.

The large-flowering kinds are a decided improvement on the Drummondi, producing flowers twice the size of the latter, with the most brilliant colors imaginable.

933. **Alba.**—Pure white, extra large.
934. **Intense Scarlet.**
935. Rosy Carmine.—White eye.
936. **Rosea.**—Pink, white eye.
937. **Vivid Crimson.**—Large white eye.
938. **Large Yellow.**—A very fine color; quite novel and distinct, fine flower.
939. Scarlet Striped.—A beautiful sort.
940. Black Brown.—The darkest of all.
941. **Stellata Splendens.**—This variety resembles the Splendens, with the addition of a clearly defined white star, contrasting strikingly with the vivid crimson of the flowers.
942. Alba Oculata.—Pure white, claret eye.

Any of above, per pkt., (100 seeds) 7c.; any 6 for 35c.

943. **Large-Flowering Phlox in Splendid Mixture.**—Includes all the above and many other shades and colors. Oz., 75c.; ¼ oz., 25c.; pkt., (150 seeds) 7c.
944. **Imported Collection** of 6 colors, 30c. | 945. **Imported Collection** of 12 colors, 60c.

STARRED AND FRINGED PHLOX.

STARRED AND FRINGED PHLOX.

These are the most distinct and striking Phlox we have. The flowers have a most distinct and star-like appearance, their attractiveness being greatly enhanced by the broad, white margins which border the edges of the petals.

946. Starred and Fringed.—Mixed. Pkt., (150 seeds) 10c.; ⅛ oz., 20c.
947. **Star of Quedlinburg.**—Pkt., (100 seeds) 5c.
948. PHLOX "Graf Gero."—Well adapted to pot culture. Mixed colors. Pkt., 10c.
949. **Giant Hydrangea Flowered Phlox.**—These are undoubtedly one of the handsomest species of the Phlox family. They are more floriferous than the others, the flowers are large, of good substance and in handsome colors and are borne in large umbels, just like a Hydrangea, hence their name. Mixed colors. Pkt., (150 seeds) 10c.

DOUBLE PHLOX.

DOUBLE-FLOWERING PHLOX.

A very desirable class. Flowers are double and semi-double and last much longer than those of the single Phlox. The white is especially valuable as a cut-flower. We are sure our customers will be greatly pleased with these and we recommend a trial.

950. Double White.
951. Double Scarlet.
952. Double Yellow.
953. Double Mixed.

} Each, per pkt., 10c.

DWARF PHLOX. (*Phlox Drummondi Nana Compacta.*)

These are much superior to the other Phloxes for ribbon bedding or borders. The plants grow very symmetrical in neat little bushes, about 8 inches high, covered with flowers during the whole Summer and Fall, as large as those of the Drummondi and as easy to grow.

954. **P. Snowball.**—Flowers pure white; the plants resemble large snowballs when in full bloom. Pkt., 10c.; 3 pkts. for 20c.
955. **——Fireball.**—Glowing, brilliant scarlet. Pkt., 10c.; 3 pkts. for 20c.
956. **One pkt. each Snowball and Fireball for 15c.**
957. Dwarf Phlox in Mixture.—10 colors in choicest mixture. Pkt., 10c.; 3 for 20c.
959. **HARDY PHLOX.**—(*Phlox Decussata.*) These rank amongst the finest herbaceous plants for beds or borders. Mixture of finest sorts. Pkt., 7c.

DWARF PHLOX.

958. **Vaughan's Special Phlox Mixture.** Contains all the above varieties and several other strains only to be had in this mixture and will delight and astonish all with its extensive variety of colors. Over 30 different shades will be produced from a single package. A bed of Phlox Drummondi in assorted colors makes a grand display all Summer. The most liberal offer ever made.
Pkt., (250 seeds) 15c.; **extra large pkt.,** (500 seeds) 25c; ⅛ oz., 35c.

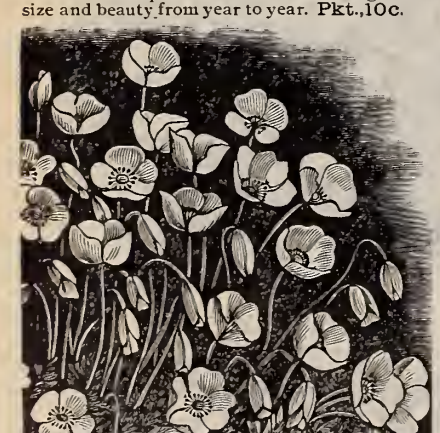
POPPIES.

See illustration on front cover page.

These old-fashioned flowers are at present, like the well-known Dahlias, regaining their old-time popularity. This is not strange when we consider how many new varieties have been introduced and how large a list of desirable kinds we now offer. Now-a-days when there is so little time to devote to the garden one is very glad to plant easily grown flowers, which will do their best with little or no care and Poppies are easily leaders among those which look out for themselves. Their brilliant, dazzling colorings and wonderful variety make a very effective display in the garden or for cut flowers.

New Oriental Hybrid Poppies.

970. For brilliancy of colors there is nothing to equal these Oriental Poppies. The flowers are of *enormous size*, often measuring over six inches in diameter, while the colors range from soft flesh and rose to the most brilliant, dazzling scarlet and richest maroon purple. Their culture is as simple as that of the common garden Poppies. One of their most valuable qualities is that they are perfectly hardy perenials, living through our Winters with but little protection and increasing in size and beauty from year to year. **Pkt.,10c.**

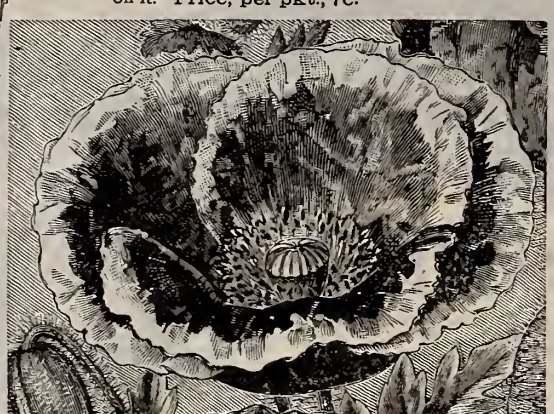


ICELAND POPPIES.

971. These Poppies produce flowers the first year from seed. The colors range from the purest white to the deepest orange scarlet, and have a delicious fragrance. For vase or house decorations they rank among the loveliest.
Mixed colors, per pkt., 10c.

NEW TULIP POPPY.

972. The perfect and striking flowers are intensely vivid in color; the two outer petals form a tulip-cup, after a time deep black spots appear at the base of each petal. The glowing scarlet of the large flowers is such that the eye cannot bear its glare when the sun is shining on it. **Price, per pkt., 7c.**



THE SHIRLEY POPPIES.

973. They are similar in every way to the Wild Scarlet Field Poppy of England and the continent, but the rauge of color is so varied that scarcely two will be found alike. **5c.**

Single Poppies.

974. **Umbrosum.**—Rich vermillion with deep shining spot. Price, per pkt., 5c.

975. **Victoria Cross.**—(Danebrog.) Vermillion-white cross. Pkt., 5c.

976. **Peacock.**—The most striking feature of the flower is the conspicuous glossy zone which marks the petals, forming a complete ring. Pkt., 5c.

977. **The Bride.**—The flowers are of extra large size and spotless white, making a fine appearance in beds or groups. Pkt., 7c.

978. **Persian Poppy.**—Flowers, 4 inches across; color brilliant scarlet with shining black spots, surrounded by a clear white margin at base of each petal. Pkt, 5c.

979. **New Annual Hybrid.**—The flowers of this new Hybrid Poppy are very large, single and of the most brilliant shade of crimson with a broad black stain at the base of the petals, which are sometimes entire and some times fringed. This is a very ornamental variety, of easy culture, and a most profuse bloomer.
Pkt., (150 seeds.) 15c.

980. **Mixture of all the above Single Poppies, per ½ oz., 15c.; pkt., 5c.**

NEW POPPY, WHITE SWAN.

981. One of the most effective and valuable Poppies. The plants are about 18 inches high, grow in very pretty bush form crowned with flowers of enormous size, perfect form, very double and of the purest snow-white. Its flowering period is longer than that of other Poppies. We specially recommend this sort. **Price, per pkt., 10c.; 3 for 20c.**

982. **Double Light Yellow.**—This rare new color will be haled with delight hy all. Pkt., 5c.

983. **Golden Gate.**—Exceedingly free blooming, the flowers single, semi-double and double, of medium size and largest variety of colors. Pkt, 5c.

984. **Double Carnation Flowered.**—Of large size and a variety of colors ½ oz., 15c.; pkt., 3c.

985. **Double French Mixed.**—Pkt., 3c.

986. **Pæony Flowered.**—Flowers in size and colors equal to Pæonies; mixed. Pkt., 3c.; oz., 20c.

987. **Snowdrift.**—Pure white. Pkt, 5c.

988. **Double Danebrog.**—Flowers of a deep red; petals marked at base with white blotch. Pkt., 7c.

989. **Fairy Blush.**—The flowers have the effect of a large white, feathery ball, overcast with a rosy shade. Pkt., 5c.

990. **Mikado.**—Flowers are of pure white at the back, the fringed edges brilliant scarlet. Pkt., 5c.

995. **MIXTURE of all the above DOUBLE POPPIES, Pkt., 5c.; ½ oz., 15c.; oz., 25c.**

996. **Vaughan's Special Poppy Mixture** Comprises not only all the Double and Single Poppies described, but also a number of other sorts, specially purchased for this mixture, including some entirely new ones. Will make a grand display.
PRICE, per oz., 50c.; ½ oz., 30c.; pkt., (500 seeds) 10c., 3 for 25c.

PORTULACCA.—Rose Moss.

1000. Small trailing plants which bear brilliant, beautiful and delicate flowers; whether used in baskets, beds or edgings, their splendid flowers, produced in great profusion are very effective; succeed best in light, sandy soil, and want to be exposed to the full glare of the sun. Many colors mixed. Pkt., (300 seeds) 5c.; oz., 50c.

1001. **Collection of 8 colors, Single Portulacca, 25c.**

1002. **P. Double White.** 10c. 1004. **P. Double Pink.** 10c.

1003. **– Double Yellow.** 10c. 1005. **— Scarlet.** 10c.

1006 **Double Portulacca, Best Mixed.** –Choice double flowers. Pkt., (300 seeds) 10c.; ⅛ oz., 75c.

1007. **Double Portulacca, Good Mixed.**—Pkt., 5c.

1008. **Collection of 6 colors, double Portulacca, 35c.**

DOUBLE PORTULACCA, ROSE MOSS.

New Large Flowering Primula Obconica.

1020. This is one of the most useful flowering plants. If sown early in spring the seedlings will commence to bloom in May or June and continue to flower throughout the whole year. The flowers are of a soft lilac shade and very charming. It is one of the most useful Primulas for pot culture, and also succeeds well in the open border during the summer months. This is the true description of the old type; the **new large flowering Obconica** is an improvement on it in size of flowers, which are about double their size and are borne on stiffer stems well above the foliage, and they also show a marked improvement in colors, containing new rose and lilac shades. **Pkt.** (100 seeds), **10c.**

1021. **Primula Obconica,** pkt. (50 seeds), **5c.**

DOUBLE CHINESE PRIMROSE.

Pkt. (25 seeds), 25c.

SINGLE CHINESE PRIMROSE.

CHINESE PRIMROSES. SEE ALSO NOVELTIES.

The culture of these lovely house plants is much easier than most people seem to think. They grow as easily from seed as Geraniums, and are as easily cared for. They are without a rival for winter-blooming, and our seed is the best to be had. We furnish Florists largely with our strain and it gives satisfaction to everybody.

Chinese Primroses, Separate Colors.

1022. Pure White. 1023. Pink. 1024. Peach Blossom. 1025. Chiswick Red. 1026. Blue. 1027. Striped. **Each, per pkt. of 50** seeds, **10c.**

1028. **Chinese Primroses.**—A very good mixture. **Per pkt. of 50 seeds, 5c.**

NEW DWARF POLYANTHA ROSES.

Also Called "Baby" and "Fairy" Roses.

Roses from seed the first year.

1036. The plants **bloom in three months after sowing,** so that seed sown in February in the house may be had in bloom in June in the open ground, where they **continue to bloom throughout the season,** giving about an equal proportion of siugle, semi-double and double flowers borne in clusters. The plants are dwarf and bushy, growing only about one foot high, and are very pretty in solid beds and borders. They are very hardy and may be treated as annuals.

Pkt. (25 seeds), **10c.; 3 for 25c.**

PYRETHRUM, GOLDEN FEATHER.

PYRETHRUM. (FEVERFEW.)

Yellow Foliage Sorts for Bedding.

1032. **P. Aureum.** (Golden Feather.)—Foliage bright golden yellow. **Pkt., 3c., ¼ oz., 30c.**

1033. **—Selaginoides.**—Fern-leaved. The neat golden foliage resembles two fern-fronds. **Pkt., 5c.**

Hardy, Flowering Varieties.

Showy, hardy perennials, with very bright flowers which remain in bloom for a long time.

1034. **—Single Large-Flowering.**—For cut-flowers they are invaluable. **Pkt., 10c.**

1035. **—Double Large-Flowering.**—These grow readily from seed. **Pkt., 25c.**

SAINTPAULIA IONANTHA.

1040. One of the most distinct and valuable novelties of late years. It comes from Central Africa. The plants grow about six inches in height, the flowers measuring 1¼ inches in diameter, and resemble Violet flowers both in shape and color. It is a true *ever-bloomer*, producing flowers when the plants are six months old, and bloom incessantly. **Pkt., 25c.**

SALVIA, CLARA BEDMAN.

(*Bonfire.*)

1043. The plants form handsome globular bushes about 2 feet high by 2 feet in diameter. The spikes grow erect, and stand clear above the foliage, completely covering the plant and are of the most brilliant, dazzling scarlet.

Per ⅛ oz., 50c.; pkt., 10c.

SALPIGLOSSIS. *Painted Tube Tongue.*

1042. Highly ornamental autumn flowering plants with beautifully veined and tinted, funnel-shaped flowers. A very choice annual, 2½ feet.

Fine mixture of rare flowering varieties. **Pkt., 5c.**

1050. **Sanvitalia**—Dwarf trailing plants with double bright golden-yellow flowers. **Pkt., 5c.**

New Salvia Splendens, 'Drooping Spikes.'

1044. This new, large flowering Salvia (Scarlet Sage) has three times the flowering capacity on each spike of the ordinary Salvia Splendens. The flowers are produced in great numbers, causing the spikes to droop by their weight. It is one of the most desirable plants for decorative purposes, if planted either singly, in groups, or with other plants. The flowers are of the most brilliant, dazzling scarlet, produced in endless profusion, and until late in the fall.

Pkt. (75 seeds), **10c.; 3 pkts. for 25c.**

SALVIAS.

1045. **S. Splendens.**—Large flowering Scarlet Sage **5c.**

1046. **—Patens.**—The purest and brightest blue of all. 10c.

1047. **—Coccinea.**—Deep crimson. 8 inches. **Pkt., 5c.**

1048. **—Argentea.**—Silver white foliage. **Pkt., 5c.**

1049. **—Nutans.**—A hardy perennial, very floriferous; flowers very showy. **Pkt., 10c.**

SCHIZANTHUS, or Butterfly Flower.

1051. Charming little annual; flowers are as pretty as Orchids and freely produced. Of easiest culture. **Pkt., 5c.**

Vaughan's ⚜ Sweet ⚜ Peas.

NEW SORTS OFFERED BY US FOR THE FIRST TIME LAST YEAR.

Price, except where noted, pkt., 5c.; oz., 10c.

The following varieties are a selection of the best of Eckford's and American novelties. They are the result of crossing and recrossing of the finest new Sweet Peas, with special reference to size and shape of flowers, freedom of bloom, length and rigidity of stem and number of flowers to the stem.

1080. **Aurora.**—Flowers very large, of fine substance, three and four on a stem. Color, flaked and striped bright orange salmon;white ground. Oz., 15c.

1081. **Brilliant.**—Standard inclined to hood; color rich, bright crimson-scarlet; three flowers on a stem; does not sunburn. **Pkt., 5c.; oz., 15c.**

1082. **Captivation.**—A light purple magenta; self-color; fairly large and well expanded; an entirely new color amongst Sweet Peas.

1083. **Celestial.**—Of beautiful form; color most pleasing azure-blue; three and four flowers to a stem. A good one.

1084 **Coquette.**—Rich primrose, tinted with pale purple; of high quality and good in every way. **Pkt., 5c.; oz., 15c.**

1085 **Countess of Aberdeen.**—White, margined with pale pink; of fine form. A very charming flower.

1086. **Crown Jewel.**—Creamy white, veined with violet. This is the very best of Eckford's '96 set. It has the greatest merit of size and form.

1087. **Gray Friar.**—A most beautiful watered purple on white ground. Flowers are large, of hooded form, three or four on a stem. A most beautiful sort.

1088. **Golden Gate.**—In form unlike any other Sweet Pea; hooded; three and four flowers to a stem. Standard soft, pinkish mauve, wings lavender. **Pkt., 10c.; oz., 20c.**

1089. **Juanita.**—Of good size and form; color pure white, delicately lined and striped with pale lavender.

1090. **Lovely.**—A good shell pink of grand form; good in every way. **Pkt., 10c.; oz., 20c.**

1091. **Mars.**—A grand sort; magnificent form; intense scarlet.

1092. **Prima Donna.**—A beautiful light rose pink of great merit **Pkt., 10c.; oz., 20c.**

1093. **Ramona.**—Flowers very large, of fine hooded form; three or four flowers to the stem; color creamy white, daintily splashed with pale pink.

1094. **Royal Rose.**—Bright pink and blush white; about twice as good as Appleblossom. **Pkt., 5c.; oz., 15c.**

1095. **Red Riding Hood.**—A new departure in form resembling a Snapdragon. Color rose pink, shaded bluish white.

1096. **SPECIAL OFFER: 1 pkt. each of above 16 varieties of Sweet Peas for 65c.**

SWEET PEAS.—General List.

SEE ALSO NOVELTY PAGES.

Price of any of the following, per oz., 10c.; pkt., 5c., except where noted.

PURE WHITE AND WHITE GROUNDS.

1097. **Butterfly.**—White, shaded and edged with blue; large. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 60c.

1098. **Blanche Burpee.**—A new, large white; one of the finest yet produced. ¼ lb., 25c.; lb., 75c.

1099. **Countess of Aberdeen.**—White, margined with pale pink; of fine form. A very charming flower. ¼ lb , 20c.; lb., 60c.

1100. **Emily Henderson.**—The earliest white. Pkt., 3c.; oz., 6c.; ¼ lb., 15c.; lb., 50c.

1101. **New Lottie Eckford.**—This is an improved Butterfly and must be understood as distinct from the old Lottie Eckford, which was really Miss Hunt. Pkt., 3c.; oz., 6c.; ¼ lb., 15c.; lb., 50c.

1102. **Mrs. Sankey.**—Standard white, flushed with pale blush; large-flowered; one of the best. Pkt., 3c.; oz., 6c.; ¼ lb., 15c.; lb., 50c.

1103. **The Bride.**—See novelties.

1104. **White Mixed.**—Including above. Pkt., 5c.; oz.,10c.; ¼ lb., 20c.;lb., 70c.

SHADES OF MAUVE.

1105. **Celestial.**—Of beautiful form; color a most pleasing azure-blue; three and four flowers to a stem. A good one. ¼ lb., 20c.; lb., 65c.

1106. **Countess of Radnor.**—Pleasing lavender. ¼ lb., 15c.; lb., 50c.

1107. **Emily Eckford.** A large, rosy lavender, changing to almost true blue. ¼ lb., 20c.; lb., 70c.

1108. **Gray Friar.** A most beautiful watered purple, on white ground; flowers large, of hooded form, three and four on a stem. ¼ lb., 20c.; lb , 70c.

1109. **Golden Gate.**—In form unlike any other Sweet Pea; hooded; three and four flowers to a stem; standard soft, pinkish mauve, wings lavender. Pkt., 10c.; oz , 20c.

1110. **Princess May.**—It is a little lighter than Countess of Radnor and pure in color; flowers large; almost a true light blue. ¼ lb., 20c.; lb , 60c.

1111. **Shades of Mauve, Mixed.**—All the above. Pkt., 5c.; oz., 10c ; ¼ lb., 20c.; lb., 70c.

SHADES OF BLUE.

1112. **Captain of the Blues.**—Very large and very full; wings pale blue; the standard mauve. ¼ lb., 20c.; lb., 50c.

1113. **Grand Blue.** - (Imperial blue.) Wings bright blue, slightly shaded with mauve; standard deep purple. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 65c.

STRIPED, FLAKED AND CLOUDED SORTS.

1114. **America.** This grand Pea is *more distinct* and striking than any other variegated Sweet Pea and is of the large-flowering type. Its color is a white ground and through the center of the standard is a wide carmine-scarlet blotch, veined with fine scarlet lines running toward the edges and showing in the same manner on the wiugs. **¼ lb., 25c.; lb., 75c.**

1115. **Aurora.**—Flowers very large; 3 and 5 on a stem; color, flaked and striped bright orange-salmon, on a white ground. Oz., 15c.. ¼ lb., 35c.

1116. **Crown Jewel.**—Creamy white, veined with violet. It has the greatest merit of size and form. ¼ lb., 20c.; lb. 65c.

1117. **Duchess of York.**—White, striped with delicate pinkish-purple; large flower of perfect form. ¼ lb., 20c ; lb., 60c.

1118. **Gaiety.**—Striped; bright crimson or white. ¼ lb., 25c.; lb., 75c.

1119. **Juanita.**—Of good size and form; color, pure white, delicately lined and striped with pale lavender. ¼ lb., 20c ; lb., 70c.

1120. **Mrs. Joseph Chamberlain.**—White, heavily dipped and flaked with bright rose; large. ¼ lb., 25c.; lb , 75c.

1121. **Princess of Wales.**—A very distinct variety, shaded and striped with mauve on white ground. Pkt., 3c.; oz., 6c ; ¼ lb., 15c.; lb., 50c.

1122. **Ramona.**—Flowers very large, of fine hooded form; color creamy white, daintily splashed with pale pink. ¼ lb., 25c.; lb , 75c.

1123. **Red and White Striped.**—A very pretty combination. Pkt., 3c.; oz., 6c.; ¼ lb., 15c.; lb., 50c.

1124. **Senator.**—Standard chocolate, shaded with creamy white; flowers finely expanded. Pkt., 3c.; oz., 6c ; ¼ lb., 15c ; lb., 50c.

1125. **Striped, Flaked and Clouded, Mixed.**—All the above. Pkt., 5c.; oz., 10c.; ¼ lb., 25c., lb., 75c.

Price of any of the following, per oz., 10c.; pkt., 5c., except where noted.

Sweet Peas.

General List

SHADES OF YELLOW AND APRICOT.

1126. **Coquette.**—Rich primrose, tinted with apricot; of high quality and good in every way. Oz., 15c.; ¼ lb., 35c.

1127. **Mrs. Eckford.**—The best yellow Sweet Pea. ¼ lb., 20c.; lb., 60c.

1128. **Lady Beaconsfield.**—Wings primrose yellow, with salmon-pink standards; size good; strong grower; valuable for its color. ¼ lb., 15c.; lb., 50c.

1129. **Primrose.**-Pale primrose yellow; a medium Pea. ¼ lb., 20c.; lb., 60c.

1130. **Alice Eckford.**—Rich, cream-tinted, cerise standards; white wings; a very beautiful flower; the most charming in our entire list. The flowers are produced in great abundance, many stalks having 3 and 4. ¼ lb., 20c.; lb., 60c.

1131. **Shades of Yellow, Mixed.**—All the above. ¼ lb., 25c.; lb., 70c.

MAGENTA, CLARET AND MAROON.

1132. **Boreatton.**—A very dark maroon. ¼ lb., 15c.; lb., 50c.

1133. **Captivation.**—A light purple magenta. ¼ lb., 20c.; lb., 70c.

1134. **Duke of Clarence.**—The best dark color; a brillant shade of rosy claret; large, hooded form and firm, solid flower. ¼ lb., 20c.; lb., 60c.

1135. **Monarch.**—Bronzy-crimson standards, with rich, deep blue wings; very large and fine. Pkt., 3c.; oz. 6c., ¼ lb., 15c.; lb., 50c.

1136. **Stanley.**-Best maroon. ¼ lb., 20c.; lb., 60c.

SCARLET AND CRIMSON.

1137. **Brilliant.**-Medium size, standard inclined to hood; color rich, bright crimson scarlet; three flowers on a stem. Oz., 15c.; ¼ lb., 40c.

1138. **Cardinal.**-Bright crimson-scarlet; a solid color. ¼ lb., 20c.; lb., 50c.

1139. **Firefly.**—The most brilliant scarlet. ¼ lb., 25c ; lb., 75c.

1140. **Ignea.**—Deep crimson-scarlet; large size. ¼ lb., 20c.; lb., 60c.

1141. **Mars.**-A grand sort; magnificent form; intense scarlet. Oz., 15c.

1142. **Princess Victoria.**—Standard bright scarlet, wings rosy mauve; large. ¼ lb., 20c.; lb., 60c.

NEW DWARF SWEET PEA "CUPID."

1143. **Scarlet and Crimson, Magenta, Claret and Maroon, Mixed.**—All the above. Pkt , 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Double Sweet Peas.

It has been a difficult task by hybridization and selection to change the habit of the Sweet Pea to the double form, and much remains to be done; but each year finds us nearer. The result at best is really semi-double flowers. The best mixtures we have will not produce more than half doubles, the others remaining of the usual single type. Per pkt., 5c.; oz., 10c.; ¼ lb., 25c.

Double Appleblossom.
Double Splendor.
Double White.
Double Captain of the Blues.
Butterfly.
Boreatton.
Duke of Clarence.
Double Senator.

1174. **Double Sweet Peas, Mixed.**—All the above kinds. Pkt., 3c ; oz., 7c.; ¼ lb , 20c.; lb., 70c.

ROSE AND PINK.

1144. **Apple Blossom.**– Bright, rosy pink; wings blush; large. Pkt., 3c.; oz., 6c.; ¼ lb., 15c.; lb., 50c.

1145. **Blanche Ferry.**—Popular pink and white. ¼ lb., 15c.; lb., 50c.

1146. **Blushing Beauty.**—A distinct, soft pink. ¼ lb., 15c.; lb., 50c.

1147. **Crown Princess of Prussia.**—Bright blush, wings paler; size, medium. Pkt., 3c.; oz., 6c.; ¼ lb., 15c.; lb., 50c.

1148. **Duke of York.**-Bright, rosy pink, primrose tint. ¼ lb , 20c.; lb. 60c.

1149. **Eliza Eckford.**- Very dark blush. ¼ lb., 15c.; lb., 50c.

1150. **Empress of India.**—Rosy standard; white wings. Pkt., 3c.; oz., 7c.; ¼ lb., 15c.; lb., 50c.

1151. **Extra Early Blanche Ferry.**—Of greatest value for cut-flowers, being 10 days earlier, dwarfer and a more prolific bloomer than the original Blanche Ferry. Deep rose pink, with white wings. ¼ lb., 20c.; lb., 60c.

1152. **Her Majesty.**- Clear, deep rose. ¼ lb., 20c.; lb., 60c.

1153. **Katherine Tracy.**—Brilliant pink, of precisely the same shade in wings and standard; a very large, and graceful flower. ¼ lb., 15c.; lb., 50c.

1154. **Lady Penzance.**-The standard is apricot color, wings a brilliant rose. ¼ lb., 20c.; lb., 60c.

1155. **Lovely.**—A good shell pink of graud form; good in every way. Pkt., 10c.; oz., 20c.

1156. **Meteor.**—Improved Orange Prince; standard orange-pink; wings light pink. ¼ lb., 20c.; lb., 60c.

1157. **Mrs. Gladstone.**– Delicate pink wings, deeper shaded edges; good cut-flower. ¼ lb., 15c.; lb., 50c.

1158. **Orange Prince.**—Bright orange-pink wings pink, veined rose; medium flower; very distinct. Pkt., 3c.; oz , 7c.; ¼ lb., 15c ; lb., 50c.

1159. **Ovid.**– A bright pink, laced with rose; the large flower is laced with carmine. ¼ lb., 20c.; lb., 50c.

1160. **Peach Blossom.**– Salmon-pink standards; wings soft pink, larger and better than Apple-blossom. ¼ lb., 20c.; lb., 60c.

1161. **Prima Donna.**—A beautiful light rose pink of great merit. Pkt., 10c.; oz., 20c.

1162. **Princess Beatrice.**—Bright rose, flushed with pink; medium flower. Pkt., 3c.; oz., 6c.; ¼ lb., 15c.; lb , 50c.

1163. **Red Riding Hood.**-Rosy pink. ¼ lb., 20c.; lb., 70c.

1164. **Royal Robe.**–Delicate pink standards; the wings soft blush pink; equal to the best in size and form. ¼ lb., 20c.; lb., 60c.

1165. **Royal Rose.**—Bright pink and blush white. Pkt., 5c.; oz., 15c.

1166. **Venus.**—Very large salmon buff, shaded pink. ¼ lb., 20c ; lb., 60c.

New Dwarf Sweet Pea, "Cupid."

1167. This charming new variety only grows from 6 to 12 inches high, making a dwarf, compact plant often spreading over an area of from 10 to 15 inches. The flowers are pure white, of good substance, 2 and 3 to a stem and are very sweet. They are admirably adapted for borders; the seeds always re-produce dwarf plants. Pkt., 5c ; oz., 15c.; 2 ozs., 25c.; ¼ lb., 45c.; lb., $1.25.

1168. **Pink Cupid.** - Pkt., (10 seeds) 15c.; pkt., (20 seeds) 25c.

1175. **Vaughan's Prize Mixture of Sweet Peas.** This mixture has, as usual, been made up by ourselves from the finest named kinds in a most carefully arranged proportion of colors. It contains also some of the rare novelties, such as Gray Friar, Ramona, Countess of Aberdeen, Celestial, Juanita, Captivation, Crown Jewel and others, and with these a number of handsome American seedlings not yet named. We also use in it quite a percentage of the **Double Sweet Peas.** Thus all the above combine to make up as complete an asssortment in "VAUGHAN'S PRIZE MIXTURE" as if seed of each separate kind were ordered at three times the cost. Price, by express, 10 lbs., $7.00; 5 lbs., $4.00. By mail, postpaid, 2 lbs., $1.90; lb., $1 00; ½ lb., 55c.; ¼ lb., 30c.; oz., 15c.; 3 pkts. for 20c.; large pkt., 10c.

VAUGHAN'S BEST MIXTURE and NEW AMERICAN SEEDLINGS, See Novelties.

1176. **Eckford Mixture.** This mixture contains over 40 varieties, including the novelties of 1896 and other choice varieties. By express, 10 lbs., $3.00; 5 lbs., $1.60. By mail, postpaid, per lb., 55c.; ½ lb., 30c.; ¼ lb., 15c.; oz., 10c ; pkt , (large size) 5c.

1177. **All Colors Mixed.** This is also a very good mixture; contains over 20 varieties and will furnish fine flowers all through the season. Price by express, 10 lbs. $2.50; 5 lbs., $1.40. By mail, per lb., 40c.; ½ lb., 25c.; ¼ lb., 12c.; oz., 6c.; pkt., 3c.

1178. **Bargain Mixture of Sweet Peas.** We find ourselves with large stocks of some of the best named kinds and we have taken a few hundred pounds and mixed them. Bargain Mixture Sweet Peas, prepaid, lb , 30c ; ¼ lb., 12c.; oz., 5c.

SCABIOSA or MOURNING BRIDE.

Elegant cut-flowers, keep long, are very handsome and the colors are exceedingly fine, some flowers are *almost black.*

THE SNOWBALL SCABIOSA.

1052 The flowers of this pretty new Scabiosa are *large, measuring fully 2 inches in diameter,* of purest white and *very double.* The stems are very strong and the foliage luxuriant. This plant comes quite true from seed and is sure to be liked for vases aud bouquets.
Pkt., 10c.; 3 for 20c.

1053 **New Golden Yellow Scabiosa.**—The color has long been desired in the Scabiosa family and is now obtained, after years of selections. The flowers are donble, of a fine, pure yellow color and are charming for bouquets. The plants are semi-dwarf and very free blooming. Pkt, 10c.

1054 **Black Prince.**—The flowers are very large and double and *nearly black,* a beautiful color, very effective as a bunch in a vase Pkt., 5c.

1055 **New Double Blood-Red.**—A very striking color. Pkt., 5c.

1056 **SPECIAL OFFER: One pkt., each of the above 4 colors for 20c.**

1057 ——Candidissima.—Double white. Pkt., 5c.

1058 ——Many Varieties —Mixed. Pkt., 3c.

1059 **Large Flowering Scabiosa.**—Flowers average three inches across; very double; valuable for bouquets. Many colors mixed. Pkt, 5c.

New Ever-Blooming Sunflower, "Stella."

1074 This new annual attains a height of 3 to 4 feet and produces its handsome, well-formed flowers in the greatest abundance all through the Summer till late in Fall. The flowers are 2½ to 3 inches across, are borne on long stems which rise well above the lively green, small foliage and are of purest golden yellow with a black disc. It is a splendid flower for cutting and equally as valuable for flower groups or as a solitary plant on the lawn. Per pkt, (30 seeds) 10c.

1075 ——**Globosus Fistulosus.**—Flowers immense, from 12 to 15 inches in diameter, globular and extremely double, the most effective of all annual Sunflowers. Oz., 15c.; pkt., 5c.

1078 Vaughan's Special Sunflower Mixture.—All above sorts mixed in proportion. Pkt., 10c

⊛ SUNFLOWER. ⊛

1074a **Miniature Sunflower.**—In this variety we have a flower whith is not only bright and showy, but elegant in shape, aud of size convenient for wearing and for bouquets The plants are dwarf and very bushy, free-blooming, with small fine foliage. Flowers are single, bright yellow with a dark center and very decorative; they bloom from July until frost. Pkt., 5c.

1074b **H. Californicus fl. pl.**—Extra large and very double. Pkt. 3c.

1074c ——**Nanus fl. pl.**—A dwarf variety, growing about 2½ feet high, flowers very double, rich golden yellow. Pkt. 5c.

1075a ——**Silver-Leaved.** (Argophyllus).—The whole plant is covered with a silky, silver-white feel flowers are single. Pkt., 5c.

1076 ——**Mammoth Russian.**—Of gigantic dimensions both flowers and stalk. Oz., 5c.; pkt., 3c.

1077 ——**Mixture Many Double Varieties.**—Price, per oz, 15c.; pkt., 3c.

1061 **SENSITIVE PLANT.**—A plant with fern-like foliage, which is so sensitive that the leaves close up immediately when touched or shaken. Price, per pkt., 5c.

1060 **SEDUM.** (Stone Crop.)—Blue. A dwarf little plant growing freely in rock work, vases, etc. Price, per pkt., 5c.

1063 **Solanum Capsicastrum.**—(JERUSALEM CHERRY.) Small pepper-shaped, scarlet fruit. Pkt., 5c.

1062 **SMILAX.**—One of the most desirable house climbers. Pkt., 5c.

1064 **Stevia Serrata.**—Very pretty perennials. Flowers white star-shaped, leaves fragrant. Pkt., 5c.

LARGE-FLOWERING TEN WEEKS STOCK.

⚜ STOCKS.—Levkoyen.

Large-Flowering Ten Weeks Stocks.

1065 —Pure White. 1065b —Light Blue. —1066a Purple.
1065a —Brilliant Rose. 1066 —Crimson. —1066b Canary Yellow.
Any of the above, per pkt., 10c.; any 3 for 25c.

1067 —**Large Flowering.**—Best mixed. 10c.

1068 —**Fine Mixed.** Pkt., 5c.

1069 —Imported Collection, 12 colors. 60c.

1069a —Imported Collection, 6 colors. 30c.

GIANT PERFECTION STOCK.

This sort produces plants 2½ feet high, with long flower spikes of handsome double flowers.

1070——Choicest Mixed. Pkt., 10c.

1070a ——Collection of 6 colors, 50c.

1070b ——**White Perfection,** *or, "Cut and Come Again."*—This variety is almost a perpetual bloomer about 18 inches high; branches freely. Flowers are of the purest white, very large, and carried on stems three inches long. Pkt., 7c.

1071 **New Large-Flowering Stock, Fire Flame.**—Ever-blooming, resembling a flame-red garuet. Pkt., 10c.

1071a **Forcing Stock, Snow-Flake.**—The earliest White Ten Weeks Stock. Flowers extremely double, aud snow-white; foliage handsome. Pkt., 10c.

1071b ——**Red Victoria.**—Flower double, brilliant, dark blood-red. Pkt., 10c.

1071c ——**White Victoria.**—Like above, but pure white. Pkt., 10c.

1072 ——**Large Flowered Dwarf Bouquet.**—This variety has compact flower spikes, throws out side shoots. Pkt, 10c.

1072a —**Intermediate or Autumnal Stocks.**—These flower late in Autumn or early Spring. Sow in July. Choice mixed. 10c.

1072b ——**Emperor, or Winter.**—Bushy and branching plant with an abundance of flowers. Many colors in the finest mixture. 10c.

"VAUGHAN'S SPECIAL" Mixture of Ten Weeks Stocks

1073 Includes all the above sorts, and some novelties such as White Column, Princess Alice etc. Pkt., 15c.: 2 for 25c.

SWEET VIOLET THE CZAR. Pkt., 10c.

SWEET VIOLETS.

1220. **The Czar.**—Large flowering, ue. Pkt., 10c.

1221. **Blue Sweet Violet.**—The old-shioned sort. Pkt., 5c.

Verbenas

Do you know that Verbenas are more sily grown from seeds than from cut-ngs, and that such plants are more gorous and free-flowering? Sow them rly and they will bloom for you con-antly from June until frost time. The vish and showy display of flowers in a erbena bed is one of the most attractive arden pictures.

Sweet William.

1207 **GIANT FLOWERED SWEET WILLIAM.**—An improvement on older sorts, both in variety of colors and size of flowers and trusses. The single flowers are often as large as a 25 cent piece, and are simply enormous in comparison with the old-time Sweet William.
Pkt., (100 seeds), 10c.; 3 pkts. for 25c.

1208 **NEW DOUBLE GIANT SWEET WILLIAM.**—Like the above, it is an improvement on the old fashioned Sweet William, producing umbels of enormous size on stiff stems and in a great variety of shades and colors. The single florets often measure one inch in diameter. **Pkt., (100 seeds), 10c.; 3 pkts. for 25c.**

Special Offer! 1209. **One pkt. each Double and Single Giant Sweet William for 15 cents.**

1215 **SWEET SULTAN.** (*Centaurea Moschata.*)—Sweet scented, profuse flowering, showy plants of easy culture and very handsome. Pkt., 5c.; ¼ oz., 15c.

THUNBERGIA.

1216. Beautiful climbers for the greenhouse or hanging baskets and lawn vases. Flowers flaring, trumpet shaped. 4 feet. Mixed all colors. Pkt., 5c.

TORENIA FOURNIERI COMPACTA.

1217. The flowers are of same size and the same exquisite blue as the old Fournieri but the plants far surpass it in habit, which is very graceful and compact, and they are covered with flowers the whole Summer. Pkt., 10c.

1218. **Torenia Bailloni.**—Deep yellow. Pkt., 10c.

1219. **—White Wings.**—White, with a light flush of rose at the base of throat. Pkt., 10c

NEW GIANT FLOWERED SWEET WILLIAM.

SWEET WILLIAM.

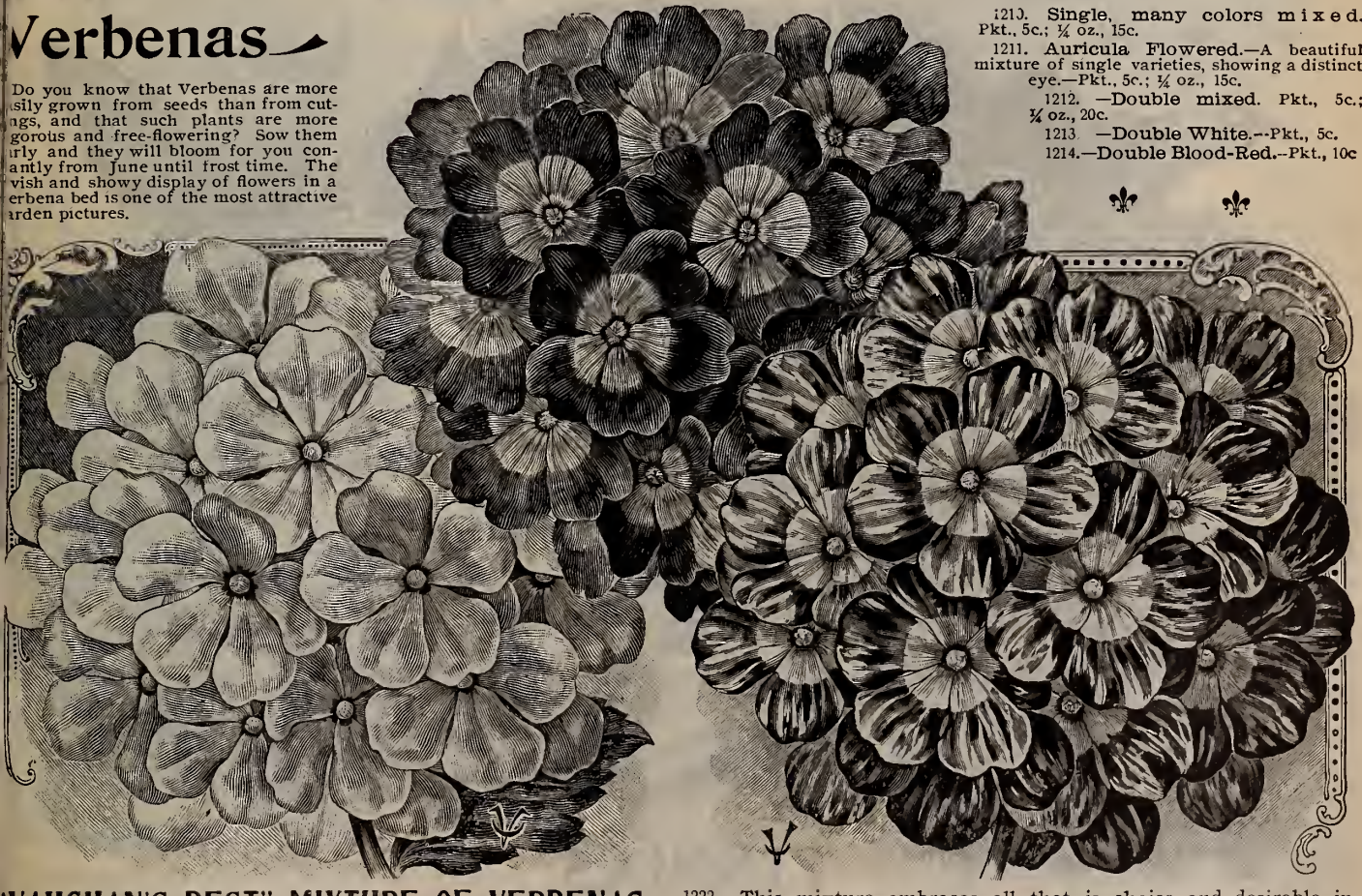
1210. **Single, many colors mixed.** Pkt., 5c.; ¼ oz., 15c.

1211. **Auricula Flowered.**—A beautiful mixture of single varieties, showing a distinct eye.—Pkt., 5c.; ¼ oz., 15c.

1212. **—Double mixed.** Pkt., 5c.; ¼ oz., 20c.

1213. **—Double White.**—Pkt., 5c.

1214. **—Double Blood-Red.**—Pkt., 10c



"VAUGHAN'S BEST" MIXTURE OF VERBENAS.

1222. This mixture embraces all that is choice and desirable in Verbenas. It includes the Mammoth Flowered strains of three celebrated Verbena specialists, the beautiful and dazzling Defiance, the New Mammoth Snowball, Purples, Striped and all the Auricula-Flowered varieties with their large umbels of white-eyed flowers, the New Giant Striped, the Fordhook Mammoth and Howard's "Royal Splendor" Verbenas. We feel perfectly safe in stating that this mixture of Verbenas will eclipse every other strain offered by any other house, and it will produce flowers that will delight all beholders throughout the whole Summer. **Pkt.** (125 seeds), **15c.; 2 pkts., 25c.; ⅛ oz., 50c.**

1223 **Verbena White** (Sea Foam.)—Large and sweet-scented. Pkt., 5c.

1224. **—Defiance.**—Scarlet. Pkt., 5c.

1225. **—Italian Striped.** Pkt., 5c.

1226. **—Dark Blue, White Eye.** Pkt., 5c.

1227. **—Purple Mantle.**—New; rich, deep velvety purple, white eye. 10c.

1228. **Verbena Purple.** Pkt., 5c.

1229. **—Yellow Leaved** (Golden Bedder)—A very interesting variety with golden foliage, which forms a striking contrast to the deep crimson flowers. Pkt., 10c.

1230. **—Lutea** (Primrose).—Straw-yellow. Pkt., 10c.

231. **Verbena, Extra choice mixed.** ⅛ oz., 40c.; pkt., 10c.

232. **Verbena, Fine mixed.** ⅛ oz., 20c.; pkt., 3c.

NEW FORDHOOK MAMMOTH VERBENA.

1233. The individual flowers are all of unusual size and also embrace a wide range of colors, they are of very large size, being frequently larger than a silver quarter, in fact, many are scarcely covered by a silver half-dollar. The colors are varied and embrace all desirable markings. **Pkt., 10c.; 3 for 25c.**

NEW DWARF VERBENA.

This new dwarf strain of Verbenas is especially suited for bedding and edging, growing only about 6 inches high, and well branched and covered with flowers making an even carpet of leaf and blossom

1234. **Dwarf White.** Pkt., 10c. 1235. **D. Scarlet.** 10c. 1236. **D. Mixed.** 10c.

DOUBLE WALLFLOWER.

VINCA.

1270. Ornamental free-blooming plants; seed must be sown early and then the plants will bloom the first summer. They can be taken up in the fall like Chrysanthemums, potted and kept in bloom through the winter. Mixed colors. 5c.

VIRGINIA STOCKS.

1271. Very pretty free-flowering plants, succeed in any soil; red flowers. 4 inches Pkt. 5c.

WALLFLOWER.

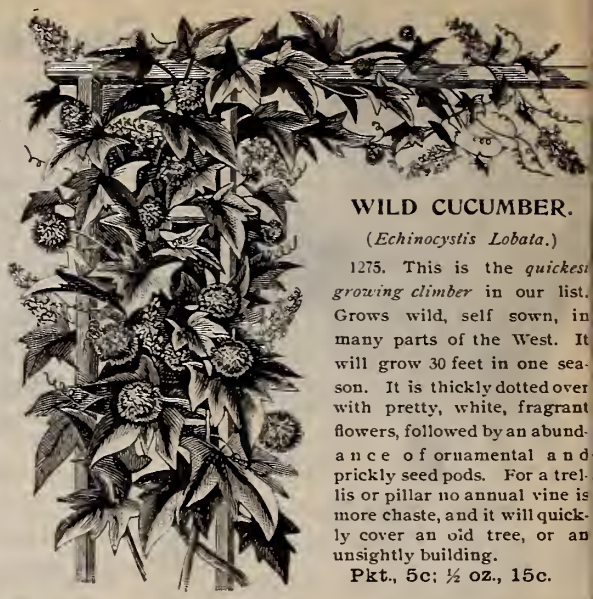
(*GOLD LACK.*)

Wallflowers should be better known. Their ease of growth, their adaptability for pot culture and out-door bedding, and their peculiarly sweet odor, should win favor. They are easily grown, and last long as cut-flowers.

1272. **Eastern Queen.**—A decided new shade, a bright salmon red. Pkt., 5c.

1273. Single.—Mixed. Pkt, 5c.

1274. Double Sorts.—Extra mixed. Pkt., 10c.



WILD CUCUMBER.

(*Echinocystis Lobata.*)

1275. This is the *quickest growing climber* in our list. Grows wild, self sown, in many parts of the West. It will grow 30 feet in one season. It is thickly dotted over with pretty, white, fragrant flowers, followed by an abundance of ornamental and prickly seed pods. For a trellis or pillar no annual vine is more chaste, and it will quickly cover an old tree, or an unsightly building.

Pkt., 5c; ½ oz., 15c.

ZINNIAS.

ZINNIA, Crested and Curled.

1280. The flowers are large aud double, the petals being twisted and curved into most graceful forms. The range of color is also very remarkable, comprising the various shades of red, yellow, pink, as well as many intermediate tints, with some striped and pure white. The plants grow in bushes 2 feet in diameter, and are covered with flowers borne well above the foliage. Pkt., 10c.; 3 for 20c.

ZINNIA, Double Liliput.

1281. Another "good thing"; don't miss it. This is one of the most charming of recent introductions. The plants form handsome little bushes about 15 inches high, and fairly bristle with tiny, short-stemed, very double flowers, hardly exceeding a Daisy flower in size. They are exceedingly pretty plants, bloom all Summer long and until late in the Fall. Pkt, 5c.

1282. **Mixture of Double Large-Flowering Zinnia.**—Many colors, finest strain. ⅛ oz., 15c.; pkt., 5c.

VAUGHAN'S GIANT-FLOWERED.

1283. This is a mixture of the largest Zinnias yet obtained, plants being of vigorous growth, about 3 feet high, and very profuse of bloom. The flowers are *extremely double* and *very brilliant in color*, showing shades not found in any former collection while in size they surpass all other Zinnias, often *four to five inches in diameter*. It also includes the *Mammoth Zebra* strain, equal in size to the largest, and striped and marked in scarlet and gold, white and scarlet and other combinations.

Pkt, 10c.; 3 for 20c.

1284. Zinnia Mexicana Fl. Pl.—Dwarf variety yellow flowers. Pkt., 5c.

1285. ——Pure White. (Snowball.) Pkt., 5c.

1286. ——Dwarf Scarlet. (Fireball.) Double flowers. Pkt., 5c.

1287. ——Golden Yellow. Large perfect shaped flowers. Pkt., 5c.

1288. ——Double Crimson. Flowers very double. Pkt., 5c.

1289. ——**Carnation Striped.**—Flowers are of perfect form, double and as finely striped as a Carnation. Pkt., 5c.

Bulbs that Flower.

MAKING the sale of Flowering Bulbs at wholesale for florists' use a leading specialty for many years, we have the technical knowledge to select a list of the best, and we have such demand as justifies us in keeping a full supply of the best and largest Bulbs. Our Bulb pages will be found to contain only the reliable varieties, and we guarantee to fill your orders satisfactorily.

CRINUM KIRKI.

AMARYLLIS.

Belladonna Major. Tall spikes, bearing 6 to 10 fragrant flowers tipped with rose. Very fine. 25c.; 3 for 60c. Mammoth bulbs, 75c.

Equestre.—Broad petals of a soft scarlet color, throat snow white. We recommend this as one of the best; don't fail to include at least a few of them in your order. 15c.; 3 for 35c.

Formosissima.—The flowers are of a deep, rich, velvety crimson; very brilliant. Grows well in pots or in the open ground and blooms very soon after planting, usually before the leaves start. 15c.; 3 for 25c.

Johnsoni.—Flowers are large, crimson, striped with white; most freely produced. This is a very popular variety. 40c.; 3 for $1.00.

Vittata.-(RED GROUND.) Flower crimson, with white markings. 50c.

Vittata.-WHITE GROUND. Marked and striped. 50c.

APIOS TUBEROSA.

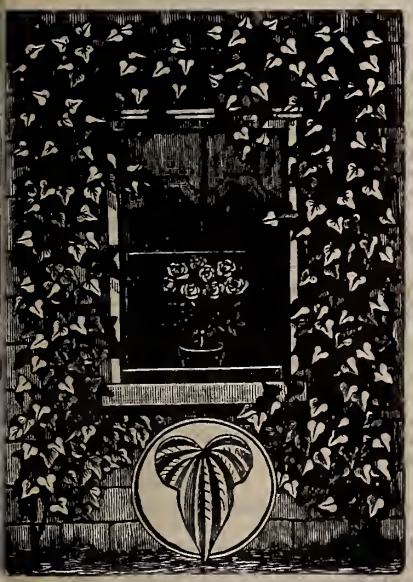
Also called tuberous-rooted Wistaria, as it greatly resembles that well-known vine. It blooms most profusely, bearing lovely clusters of rich, deep purple flowers, possessing a delicious violet fragrance. Is perfectly hardy. 2 for 10c.; 5 for 20c.; doz., 45c.

GLOXINIA.

One of the most charming of all pot plants. Their magnificent trumpet-shaped flowers are exquisitely tinted, blotched or "tigered" with minute dots of violet, pink or crimson.
10c; 3 for 25c.; doz., $1.00.

SUMMER FLOWERING OXALIS.

These useful little plants are very effective in masses or beds and are particularly valuable for edgings. They produce an unbroken row of foliage and showy flowers. **Dieppi**, pure white; **Lasandria**, fine rose pink. Either sort, per doz., 10c.; 35 for 25c.; 100 for 50c., postpaid.



SPOTTED LEAF CALLA.

Similar to the well-known White Calla, but having its glossy dark rich green foliage marked and dotted with numerous white spots. The flowers are pure white, with dark throat. Makes an exceedingly valuable decorative plant bedded out in the summer. Strong Bulbs, 15c.; 2 for 25c.; doz., $1.25.
Extra Large Bulbs, each, 25c.; 3 for 60c.

CRINUM KIRKI.

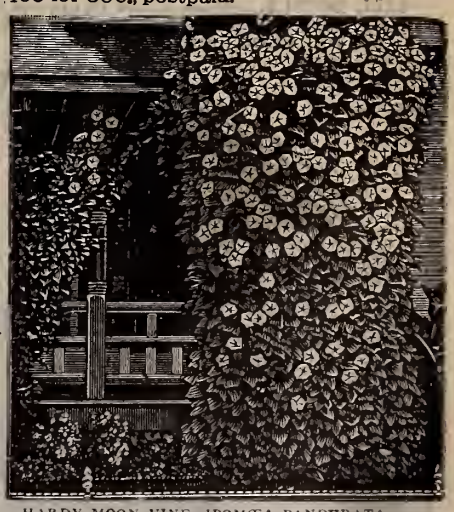
The grandest variety of this group. The flowers are fragrant, petals broad and white, with a deep purple reddish stripe through the center. Usually two flower stalks are sent up, each bearing a large cluster of 12 to 20 flowers. It blooms with the greatest freedom. 40c., postpaid. Extra Mammoth Bulbs, weighing about one and one half lbs., $1.00, postpaid.

HYACINTHUS CANDICANS.

It can be used with excellent effect in the center of a bed of scarlet Gladiolus, as it comes into bloom about the same time. The flowers are bell-shaped and pendulous, pure white in color, and somewhat fragrant. The plant is hardy and grows stronger each year. Very useful along walls, fences and in beds.
Each, 6c.; 4 for 20c.; per doz., 55c.

LILY OF THE VALLEY.

Clumps.—For immediate effect these are much to be preferred to the single crowns or pips. Our clumps are extra large and heavy and 10 to 15 blossoms may be expected from each. Price, 40c., postpaid.



HARDY MOON VINE, IPOMŒA PANDURATA.

CINNAMON VINE.

A very pretty vine to train around the window or on a trellis. In midsummer the plant is covered with a brilliant, glossy foliage and an abundance of fragrant flowers. It is also an exceedingly quick grower having been known to attain a height of 20 feet in one season. Good Roots, 5c.; 6 for 25c.; doz., 40c.
Extra Large Roots, 10c.; 3 for 25c.; doz., $1.00.

HARDY MOON VINE.

Ipomœa Pandurata, or Day Blooming Moon Flower. This is perfectly hardy and increases in size each season. It sometimes happens that blind tubers of the above are supplied by dealers. These of course, fail to grow. We get our stock direct from the collectors and take great care to send out only sure growing tubers, that will grow and thrive in any soil, producing luxurant, compact foliage and quantities of beautiful white flowers with a purple throat. First Size Roots postpaid, 15c.; doz., $1.50. Extra Size Roots, by express at purchaser's expense, 25c.; doz., $2.50.

IPOMŒA MEXICANA.

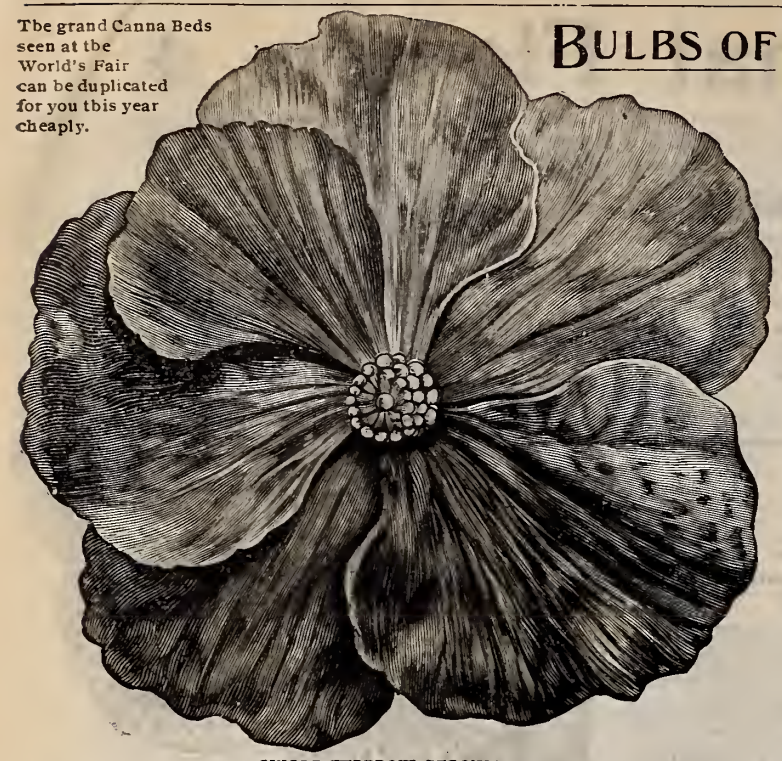
IMPOMEA MEXICANA.

A vine that will grow and thrive under almost any condition.

This is without question the easiest grown and most free flowering of all of the Ipomeas, produces large sized blossoms of rosy crimson color, shaded violet or blue, and if planted in a shaded situation the flowers remain open all day. It is also a wonderfully quick grower, quite frequently making as much as thirty-five feet of vine in one season, not altogether hardy, but the root can be taken up in the fall and preserved over winter like the Dahlia or if preferred, it can be started in January or February and grown in the house or conservatory as it makes an excellent vine for this purpose.

Choice Tubers. Each, 25c.; 3 for 60c.; doz., $2.25, postpaid.
Extra Large Tubers, " 40c.; 3 for $1.00; " 3.55.

The grand Canna Beds seen at the World's Fair can be duplicated for you this year cheaply.



SINGLE TUBEROUS BEGONIA.

BULBS OF TUBEROUS BEGONIAS.

WE offer bulbs of the leading colors separate, at *prices lower than ev before*, owing to the large quantities imported by us, purchased fro the leading Begonia specialists. By comparing our prices with those other catalogues you will find them much lower. ***For 20c. extra*** w will include a copy of "Vaughan's Flower Bulbs and How to Grow Them (regular price 25c.) giving full cultural directions for Begonias and all oth bulbs, providing you order some of these Begonias.

BEGONIAS, Tuberous Rooted.

GIANT FLOWERING VARIETIES.

Single White.. ..	Each, 10c.; 4 for 30c.; doz., 80c.; 100, $6.75.	Double White....	Each, 20c 4 for 65c.; doz., $1.6 100, $12.5
Single Yellow...		Double Yellow..	
Single Scarlet....		Double Scarlet..	
Single Pink		Double Pink.....	
Single Mixed		Double Mixed...	

CALADIUMS or ELEPHANT'S EARS.

Prices for single bulbs and dozen lots include prepayment; 100 lots go express at buyer's expense.

ONE of the most effective plants in cultivation for planting out upon t lawn; growing 5 feet high, with *handsome leaves often 3 feet long a 20 inches wide.* It will grow in any good garden soil and is of easie culture. Can be stored in sand in any warm place during winter.

CALADIUM ESCULENTUM. Fine bulbs with liv centershoots.

	Each,	3 for	Dozen,	100.
Bulbs from 1½ to 2½ inch. in circumference	10c.	20c.	75c.	$5.0
" " 2½ to 3 inch. in circumference	15c.	35c.	$1.25	8.5
" " 3 to 4 inch. in circumference	30c.	85c.	3.00	20.0

Mammoth, largest size, fine bulbs, each, 50c., by mail, 60

TUBEROSES. Dwarf Pearl, True Excelsior Strain.

This is a special selection made for many years of the most dwarf, double and full flowered spikes, and is exceptionally sturdy and dwarf in habit. Selling, as we do, over three-fourths of a million bulbs a year, we reserve for our catalogue trade very handsome and perfectly cured bulbs. Those who purchase our ***Mammoth Excelsior Pearl Bulbs*** will find them splendid bloomers.

Mammoth Bulbs.—Especially selected for our retail trade; by mail each, 7c.; 4 for 20c.; per doz., 60c.; by express at purchaser's expense, each, 5c.; 3 for 15c.; doz , 50c.; per 100, $3.00.

First Size Bulbs.—By mail, 3 for 12c.; per doz., 40c.; by express at purchaser's expense, 3 for 10c.; doz., 35c.; per 100, $2.00.

Second Size Bulbs.—All flowering, by mail, 6 for 15c.; doz., 25c.

TALL DOUBLE.—Flower spikes, 3½ to 5 feet high; fine open flowers; free blooming. First size, postpaid, 3 for 12c.; doz., 40c.; not prepaid, doz., 35c.; per 100, $2.00. Second size, 6 for 15c.; per doz., 25c.; not prepaid, doz , 20c ; per 100, $1.25.

GLADIOLUS.

GLADIOLUS.

The following prices include postage or prepayment by express, except where marke

VAUGHAN'S IMPROVED GLADIOLUS.

Many New Hybrid Seedlings Double the Size of Older Sorts.

EVERY bulb in this strain is the product of a seed artificially hybridized, forms and colors of this magnificent plant being represented, the perfe and stately Gandavensis type with its symmetrical spike and delicate colo the glowing beauty and graceful habit of the Lemoinei, the gigantic but el gant, richly colored duplicates of the Childsi form, also a good per cent. of t loveliest type of all, the Nancieanus, with its slender spike, carrying enormo blooms, only to be compared with the rarest richest orchids or the brighte Amaryllis. All of the above and many more beautiful, odd and unique form never before seen, are included in this mixture. The stock is necessari limited, but we make the price low enough to enable everyone to give them trial. Each, 10c.; 4 for 25c.; doz., 60c.; per 100, $4.00.

LEMOINEI MIXTURE.—Made up from finest sorts, first si bulbs, each, 3c.; 4 for 10c.; doz., 30c.; per 100, $2.25.

GLADIOLUS IN COLORS.

THESE mixtures will be found to contain flowers equal to fine named kinds, and a great range of shades, colors and marking In assorted dozens you may rely on nearly every bulb to produce different flower. The SCARLETS include many shades of red a variations. This is also the case with the WHITES, which vary light pink and lemon-tinted. Our mixtures contain ***all full size*** bulbs, only, not bulblets.

	Each.	Doz.	50.
Vaughan's Mixture of Reds and Scarlets	4c.	30c.	60
Vaughan's White Mixture	5c.	50c.	90
Vaughan's Pink Mixture	5c.	45c.	85
Vaughan's Yellow Mixture	5c.	50c.	90
Vaughan's Striped Mixture	5c.	45c.	85

Vaughan's Columbian Mixture.—We can safely say th this is the best for t price. It is made up from the lightest colored and largest flowerin varieties; especially recommended to those who desire to grow the for cut flowers. 1st size bulbs, price per doz., postpaid, 60 by express, not prepaid, 50 for $1.70 100, $3.25; 250 for $7.0

Vaughan's Crescent Mixture.—Made up from choicest varieti both dark and light colors. Th is not to be confounded with ordinary mixtures, which are generally made from the most common dark colored varieties. Fine bulbs, 4 for 1C doz., 25c.; 25 for 45c.; per 100, $1.50.

SPECIAL BULB OFFER: 4 single mixed Begonias, 1 (15c.) Caladium, 3 first size Pearl Tuberoses and 4 Vaughan's Improved Gladiolus for 65c., postpaid.

THE THREE QUEENS.

NO FLOWER GARDEN IS COMPLETE WITHOUT

THESE THREE GRAND LILIES.

THEIR EASE OF CULTURE, HARDINESS AND FREEDOM OF BLOOM COMMEND THEM TO EVERY FLOWER LOVER.

AURATUM. (GOLD BANDED.)

JUSTLY famous as the most beautiful and fragrant of all Lilies, (selling at $5.00 per bulb when first discovered in Japan); flowers white, dotted crimson, with a clear, broad, golden band running through the center of each petal. Good bulbs will produce from 20 to 25 fine blooms, 7to12 inches across, on a stalk 3 to 4 feet high. It is hardy, but unlike Rubrum, newly imported bulbs should be planted every two or three years. The splendid flowers produced and the present very low price of the fine, large bulbs, justify annual planting.

First Size Bulbs. Each, 20c.; 3 for 50c.; dozen, $1.50.
Extra " " " 25c., 3 for 65c.; " 2.50.
Mammoth Size Bulbs " 50c.; 3 for $1.30; " 5.00.

ALBUM. (SPECIOSUM.)

PURE white, with beautiful recurved petals; very fragrant. This, with Rubrum and Melpomene, belongs to the "Speciosum Section," which are distinct, graceful and free-blooming. They are hardy, needing very little protection; will grow and flower without any special treatment; by far the best for general cultivation.

First Size Bulbs. Each, 20c., 3 for 50c.; dozen, $2.00.
Extra " " " 25c.; 3 for 65c.; " 2.50.
Mammoth Size Bulbs, each, 50c.; 3 for $1.30; doz., 5.00.

RUBRUM. (CRIMSON-BANDED.)

THIS is as easily grown and as reliable as a Gladiolus or Dahlia bulb, probably giving the best satisfaction of any Lily. The magnificent flowers are white, with a deep rosy or crimson band on each petal, with deeper colored spots between. They are 5 to 6 inches in diameter, very fragrant, and having all the hardiness of the Speciosum class. (See description above.) The bulbs succeed best when they remain undisturbed in the ground for several years, increasing in size, as well as in size of flowers, stalk and number of blooms.

First Size Bulbs. Each, 15c.; 3 for 40c.; dozen, $1.50.
Extra " " " 25c.; 3 for 65c.; " 2.50.
Mammoth Size Bulbs " 50c.; 3 for $1.30; " 5.00.

SPECIAL OFFER: One first size bulb each of the three grand sorts above for 40c., postpaid; one "extra size" bulb each, for 65c.

Hardy Lilies.

ALL STRICTLY FIRST SIZE.

Especially adapted to planting in borders, between shrubs, etc.

The best collection of sure blooming Lilies ever offered.

Because of the great popularity of this most beautiful of all bulbous plants, hundreds of kinds have been offered to the public in small and inferior bulbs, such as have shriveled and died before attempting to start into life—all of which has discouraged the many friends of this flower divine. **Experience has taught us something about Lilies,** during the last fifteen years and with each new Gardening Annual we prune our list, rejecting every variety which has not the size, substance or lasting qualities necessary to a strong plant. Bulbs chosen from this list will produce a Lily Bed which will not be a disappointment.

Batemani. (TURK'S CAP.)—Beautiful drooping flower of clear red color. Each, 25c.; 3 for 65c.; doz., $2.50.

Brownl.—A very large, handsome variety; flower is a spreading trumpet, purple outside, creamy white inside, with stamens of rich chocolate color. very fine. We offer at the very low price of 60c.

Canadense.—This is one of our hardy native sorts, and bears a graceful stem of drooping, bell-shaped yellow and red flowers.
Each, 10c.; 3 for 25c.; per doz., $1.00.

Candidum.—Arrives and should be planted in the fall. See our Fall Catalogue for prices.

Columbianum.—Flowers bright reddish orange, with purple dots. Each, 25c.; 3 for 60c.

Elegans, or Thunbergianum.—Early flowering, ranging in height from fourteen inches to four feet; flowers cup-shaped, borne upright, and of a great variety of colors. They are very effective planted either in lines or clumps, and include many showy sorts.
Mixed sorts, 20c ; per doz., $2.25.

Excelsum.—This stately and beautiful variety, which is becoming more popular every season, grows from five to six feet in height and bears from six to twelve fragrant, nodding flowers of a delicate buff color.
Each, 60c.; 3 for $1.60.

Hansoni.—Same type as L. Batemani described above, but of yellow color. Each, 25c.; 3 for 65c.; dozen, $2.50.

Harrisi. (BERMUDA EASTER LILY.)—We offer these only about August; for fall and winter bloom.

Melpomene. (SPECIOSUM.)—A valuable addition to the Speciosum class. Each petal is completely covered with blood-red, except a clear, frosty white border; the papillæ are of a black crimson. Extremely handsome and perfectly hardy. For class description, see Lilium Album.
Each, 35c.; dozen, $3.50.

Superbum.—The finest of the native Lilies; flowers bright orange-red thickly spotted with purple. Each, 10c.; 3 for 25c.; per dozen, $1.00.

Pardalinum.—Handsome, golden orange flowers, produced in great abundance. Very fine for planting between Gladiolus.
Each, 20c.; 3 for 25c.; dozen, $1.75.

TENUIFOLIUM—The Coral Lily of Siberia.

This choice variety should be grown by the dozen since they are very fine for cutting. It is of a dwarfish habit, the slender stem only reaching the height of about 18 inches and bearing pretty, drooping flowers of most brilliant red color.
Each, 25c.; 3 for 60c.; doz., $2.50.

Tigrinum. Improved Single Tiger Lily, perfectly hardy. Each, 10c.; 3 for 25c.; per dozen, $1.00.

Tigrinum Flore Pleno.—(DOUBLE TIGER LILY.) Each, 10c.; 3 for 25c.; per dozen, $1.00.

Umbellatum.—Very robust grower, producing an enormous head of bloom. Colors range from black red to all shades of rose, crimson and yellow. Each, 15c.; 3 for 40c.; per dozen, $1.50.

Wallacei.—Clear bluff flowers, spotted with black. Each, 15c.; 3 for 40c.

Washingtonianum.—Flowers white, tinged with purple. It is also very fragrant. One of the best California Lilies.
Each, 25c ; 3 for 65c.

To make these beautiful plants more popular, we offer the following VERY CHEAP

LILY COLLECTIONS.

The six choice varieties named below sent postpaid for 75c., viz : Tenuifolium, Superbum, Canadense, Tigrinum Single, Elegans and Washingtonianum.

9 GRAND VARIETIES

As named below, sent postpaid for $1.00. List value, as sold by other Seedsmen and Florists, $1.70. We have never offered so many really good ones for one dollar prepaid: Auratum, Album, Rubrum, Melpomene, Tenuifolium, Wallacei, Columbianum and Pardalinum.

LILIUM TENUIFOLIUM.

TUBEROSES.

TRUE EXCELSIOR DWARF PEARL

THIS IS A SPECIAL SELECTION made for many years of the mo dwarf, double and full flowered spikes, and is exceptionally sturc and dwarf in habit. Selling, as we do, over three-fourths of a millic bulbs a year, we reserve for our catalogue trade very handsome ar perfectly cured bulbs. Those who purchase our *Mammoth Excelsi Pearl Bulbs* will find them splendid bloomers.

Mammoth Bulbs.—Especially selected for our retail trad by mail, each, 7c.; 3 for 20c.; per doz., 60c.; by express, purchaser's expense, each, 5c.; 3 for 15c.; doz., 50c.; 100, $3.0(

First Size Bulbs.—By mail, 3 for 12c.; per doz., 40c.; b express, 3 for 10c; per doz., 35c.; per 100, $2.00.

Second Size Bulbs.—All flowering; by mail, 6 for 15c doz., 25c. By express, 25 for 35c.; per 100, $1.10.

TALL DOUBLE.—Flower spikes 3½ to 5 feet high; fine ope flowers; free blooming. First size, postpaid, 3 for 12c.; doz., 40c not prepaid, doz., 35c.; per 100, $2.00. Second size, 6 for 15c per doz., 25c.; not prepaid, doz., 20c.; per 100, $1.20.

Variegated Leaved.—This is an early single kind, wit striped foliage; flowers not equal to the double ones. Prepaid, eacl 10c.; 3 for 25c.; doz., $1.00.

Single.—Sometimes called Orange-Flowered. Bloom very earl and are exceedingly graceful and pretty. Prepaid, 8c.; 3 for 20c per doz., 60c.

MADEIRA VINE.

The Madeira Vine is a popular and favorite tuberous-roote climber of rapid growth, with dense and beautiful foliage, twining t a great height It grows anywhere, but does better in a warm, sunn sheltered location. It is also a very pretty plant for training aroun the windows in the house.

Strong tubers, each, 6c.; 3 for 15c.; per doz., 50c., postpai(

ZEPHYRANTHES, or Atamosco Lilies.

Atamasco.—White, suffused with flesh color; hardy. Each, 5c.; 3 for 10c.; per doz., 30c.

——Rosea.—Beautiful, large, rose-colored flowers, about 3 inche across. Each, 5c.; 3 for 10c.; per doz., 30c.

Treatea.—(*Fairy Lily of the South.*) Fragrant, pure whit flowers. Each, 5c.; 3 for 10c.; per doz., 30c.

VAUGHAN'S IMPROVED GLADIOLUS.

A BULB FLOWER GARDEN FOR EVERYBODY

OUR GRAND RAINBOW COLLECTION.

103 BULBS FOR ONLY $2.25

PREPAID TO ANY PART OF THE UNITED STATES.

All Guaranteed Strictly First Size.
Will Produce Showy Flowers during the entire Summer.
Complete Cultural Directions with Each Order.

25 Gladioli.
Vaughan's Improved Mixture, unsurpassed for richness of color and immensity of flowers. The mixture to grow for cut-flowers.

2 Giant-Flowered Single Scarlet Begonias.
2 Giant-Flowered Single Yellow Begonias.
2 Giant-Flowered Single White Begonias.

25 Oxalis Dieppi, Pure white. } Produce elegant foliage
25 Oxalis Lasandria. Rose. } and showy flowers.

1 Lilium Auratum, Gold-Banded Lily of Japan.
White, dotted crimson; clear gold band through each petal.

1 Lilium Rubrum (CRIMSON BANDED).
White, with a deep rosy or crimson band on each petal.

1 Lilium Album.
Pure white, with beautifully recurved petals.

12 Tuberoses.
Mammoth Excelsior Pearl.

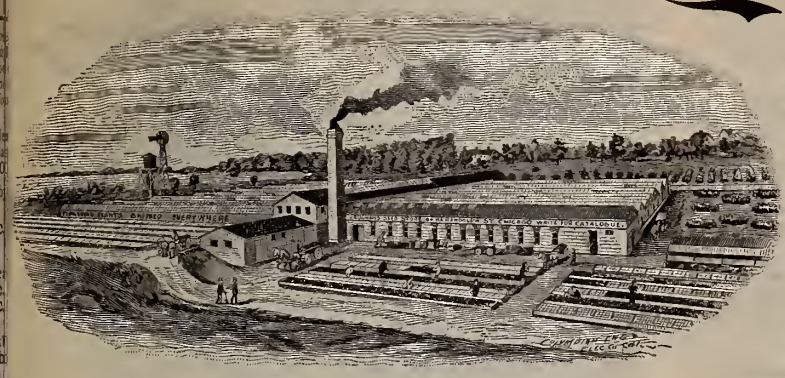
3 Hyacinthus Candicans.
Flowers pure white, very showy and lasting.

1 Ipomœa Paniculata, (DAY-BLOOMING MOONFLOWER).
A beautiful vine; will thrive under the poorest conditions.

3 Cannas.
New Large-Flowering French, assorted colors.

FOR MORE COMPLETE DESCRIPTIONS SEE PRECEDING PAGES.

Greenhouse Plants.



Vaughan's Greenhouses, Western Springs, Ill.

Our plant department is intended to be an attractive and helpful addition to our seed list. Those members of the household who are especially interested in window and garden plants, will find in this department everything necessary to make the house and its surroundings attractive horticulturally. We have made this list so general that it may meet the needs of every buyer. Our customers who have private conservatories will find a complete assortment of palms, rare decorative plants, new cannas, etc., all of which can be supplied in quantity, while our other friends in those far away places where tin cans must be used for flower pots, and space for plants can be found only on a window sill, will find many beautiful as well as hardy varieties suitable and adapted to the roughest usage. ☞ When that usual seed order is made up for us, will you, kind reader, not insist that plants be also included? We promise you that such packages will prove satisfactory, and a source of delight through all the seasons. While the prices given herein are mostly for single plants or dozens, we grow nearly all the varieties in quantity, and can supply most of them in 100 lots and upwards.

Any one who will spend a few hours time soliciting friends to join him in sending orders to us can easily obtain a supply of plants with no outlay of money to himself. As an inducement to those who will aid us and themselves, we make the following liberal offers:

CLUBBING DISCOUNTS ON PLANT ORDERS
WHEN MAILED PREPAID BY US.

For a remittance of	You may select extra plants valued at	And for each dollar sent above $10. you may select extra plants to the value of thirty cents.
$2.00	30c.	
3.00	50c.	
4.00	70c.	
5 00	$1.00	
6 00	1.40	
8.00	2.00	
10 00	3.00	

CLUBBING DISCOUNTS ON PLANT ORDERS
SENT BY EXPRESS AT BUYERS' EXPENSE.

For $2 select extra plants to the value of 50c.; $3 select 80c.; $4 select $1.10; $5 select $1.50; $6 select $2; $8 select $3; $10 select $4; and for each dollar sent above ten dollars you may select extra plants to the value of 40 cents.

Purchasers are entitled to above rates on each order as sent in; discounts cannot be figured on total amount sent in at different times.

☞ These Clubbing Rates apply only to a general collection of plants, at the price per single plant. They do not apply to prices by ½ dozen, dozen or hundred, and not to seeds, tools or other articles.

Individual orders for above amounts are also entitled to these discounts. Although we send some extras of our selection with every order, we offer no premiums on orders amounting to less than $2.00.

These reductions do not apply to the "SPECIAL OFFERS" or "COLLECTIONS" at reduced prices.

FOUR SURPRISE COLLECTIONS OF CHOICE GREENHOUSE PLANTS

WE devote seventeen large greenhouses to the cultivation of decorative and flowering plants, supplying, as we do, commercial florists all over the country. To be well prepared for the season's orders, we must propagate largely of nearly all the plants we grow.

For reasons readily understood, many excellent kinds often show an overstock toward the close of each season and, for lack of room, must be disposed of. To do this quickly and make room for our Summer stock, we offer for May planting these splendid Collections, regardless of value. Remember, none of these are poor plants or inferior kinds in any way, but are often **higher priced** varieties.

All orders for these Surprise Collections will be acknowledged and entered on our books as received. We shall commence sending out the same by May 15 and all will be sent within two or three days from that date.

SURPRISE "ROSE" COLLECTION.

This Collection contains.....

10 BEAUTIFUL EVERBLOOMING ROSES

For 50 cents, Prepaid.

The varieties are all different colors and shades, such as are especially suited to constant flowering in Summer in the garden—only clean, healthy plants will be sent—if purchased singly these kinds would cost nearly double.

SURPRISE "CANNA" COLLECTION.

This Collection contains.....

10 DIFFERENT VARIETIES OF THE NEW EVERBLOOMING CANNAS

For 50 cents, Prepaid.

Includes crimson, scarlet, yellow spotted, gilt edged, orange, bronze leaved and new seedlings, ten of the best large-flowering, new kinds from our famous World's Fair Collection; one of the best in America.

SURPRISE "GERANIUM" COLLECTION.

10 BEAUTIFUL GERANIUMS

For 50 Cents, Prepaid.

In this Collection of this old-time favorite, now again so much in demand, we include new French seedlings, with heads nearly as large as a Hydrangea. All colors, single, double and scented—all different.

SURPRISE "RARE PLANT" COLLECTION.

10 ASSORTED PLANTS

For 50 Cents, Prepaid.

In this we do furnish a surprise and often include plants usually sold at from fifteen to twenty cents. We grow many new and valuable decorative plants and we will include some in this Collection.

FOUR BEAUTIFUL FLOWER BEDS FOR $1.75.

We will send one each of these four Collections, or four of one, or two of two, making four Collections in all, **if ordered at one time,** for $1.75, prepaid. We will send them all to one address or to different addresses as you may signify. If you have a friend who loves flowers, you can make him no more pleasing present than one or more of these collections. Send us your card and we will send it along with the plants. ☞ All plant orders are filled at our greenhouses at Western Springs, Ill. When plants are shipped by Express or Freight the purchaser pays forwarding charges from there.

ABUTILON SOUV. DE BONN.

ABUTILON, Flowering Maples.

Price, 10 cents each, except where noted. The 7 Abutilons for 70c.

Souv. de Bonn.—One of the most valuable novelties of recent years and totally distinct. It is a very strong grower, the leaves, a beautiful green, are regularly banded with white; flower very large and bright orange color; beautiful decorative plant. 15c.; 3 for 40c.

Boule de Neige.—White flowers; plant comparatively dwarf and blooms very freely.

Blue Bells.—Purple-red flowers, overlaid with a blue tinge.

Infanta Eulalia.—The flowers are the most beautiful we have seen among Abutilons; very large, yet short and beautifully cupped and of the most lovely pale satin-pink imaginable. It produces its flowers by the score both Summer and Winter.

Thompsoni Plena.—Has perfectly double flowers, resembling in form a double Hollyhock. Color orange veined and shaded with crimson; foliage beautifully mottled.

Eclipse.—*A trailing* variety, pointed green leaves marked with white and yellow. Flowers yellow, with crimson throat.

Indian Chief.—Bright crimson flowers.

ARAUCARIA Excelsa.—(*Norfolk Island Pine.*) This beautiful plant, resembling the Pine somewhat in appearance, though much finer in texture, is particularly adapted to table decoration. It is most unique in appearance, the branches being arranged in neat, symmetrical whorls. Plants 18 to 20 inches high, with 4 whorls, by express, each, $2.50.
Plants 22 to 24 " " " 5 to 6 " " " " 3.50.

ARAUCARIA EXCELSA.

ASPIDISTRA Variegata.—As popular as a Palm for house decoration. Almost indispensable where variegated foliage is required. The leaves are 10 to 18 inches long and 3 inches wide; beautifully splashed and striped creamy white. One of the few plants that seems to thrive in the hot air of the living room, where it increases in value and beauty with age.
Small plants; each, 50c.; strong plants, each, 75c.

AZALEAS.—Finely shaped plants, budded and some in bloom, from purest white to deepest crimson. Too large to mail. By express, $1 and $1.50.

Anthemis Coronaria. A valuable plant of recent introduction; of the easiest culture and adapted either to pot culture or bedding. A constant aud profuse bloomer; flowers about an inch in diameter, very double and of a clear goldeu-yellow color. Each, 10c.; 3 for 25c.

GOOSE FLOWER. (*Aristolochia Gigas Sturtevanti.*)

This plant while in bloom was exhibited at the Chicago Chrysanthemum Show last Fall and was the wonder and admiration of all who saw it on account of the enormous size and shape of the flowers. It is a rapid growing vine and will easily cover much space on a porch, wall or trellis. It has grown 2 inches in 24 hours. It bears from 25 to 30 immense goose-shaped flowers at a time; these when open measure about 12x18 inches, not including the long, tail-like appendage about 2½ feet in length. Our stock has been propagated from original plants shown at the World's Fair. Each, 40c.; 3 for $1.00.

BOUGAINVILLEA GLABRA VAR. SANDERIANA.

During the past season this beautiful new Bougainvillea has secured honors in England and on the Continent wherever exhibited. It is of the easiest culture, producing its magnificent rosy-crimson bracts and yellow blossoms in the smallest pots under all conditions in the greatest abundance. Each, 25c.

WEST INDIA RATTLE-BOX. (*Crotolaria Longinstrata.*)

A tall-growing, profusely branching plant, every branch and branchlet ending in racemes 6 to 10 inches long, of beautiful, large, Sweet Pea-like flowers. These flowers are of thick substance fragrant and in color golden-yellow. The flowers are as large as the finest Sweet Peas. The oval leaves are smooth, of the darkest green and the flowers are followed by clusters of short, smooth pods, in which, when shaken, the seeds sound like a child's rattle, hence its common name. It is also known as the "Yellow Sweet Pea." Each, 15c.; 3 for 40c.

AGERATUM. *Old garden favorites of easy culture..... Bloom continuously throughout the season.*

Blanche.—Pure white, very desirable.

John Douglas.—Large, azure blue, dwarf and compact.
Each, 10c.; 3 for 25c.

NIVEA.

LOUISE CLOSSON.

COUNTESS LOUISE ERDODY.

MAGNIFICA.

THURSTONI.

BEGONIAS, Rex Varieties.

Price, except noted, each 15 cents.

Magnifica.—One of the finest and largest leaved of the Rex family. The leaf is silvery, with beautiful markings; no pen description can do it justice.

Louise Closson.—One of the richest and most beautiful of the Rex family, with large and very handsome foliage. The coloring is *simply magnificent*, center of leaf deep bronze, with broad band of silvery rose, edged with bronze and spotted rose. Each, 20c.; 3 for 50c., postpaid.

Queen Victoria.—Solid silvery leaf of crepe-like texture, reddish veins, embroidered margin and fluted reddish edge. One of the largest leaved.

R. George. This is one of the strongest growing of the Rex class. Very large, beautifully lobed, rich, glossy silver leaves, with distinct palmate center of bronze green. The edge of the leaf is metallic green, distinctly spotted silver.

CLEMENTINA.—The stem and upper surface of the leaf are of a beautiful bronze green, decorated with large silver spots; under side a bronze red, forming a pretty contrast. This plant bears handling well and its leaves are not easily hurt by water.

Lesoudsii.—This is the largest leaved of any of the Rex family. It is a cross between B. Diadema and a Rex variety, but retains the Rex character.

Countess Louise Erdody.—A handsome variety of the Rex type, having a peculiar *spiral twisted leaf*, a metallic luster and silvery center. 20c.

Enfant de Nancy.—Strong, vigorous grower, with thick, heavy leaves distinctly marked with a broad, silvery zone; edge reddish bronze.

Special Offer: No. 200. **One each of above eight Rex Begonias for $1.10, postpaid.**

BEGONIAS, Flowering Varieties.

Prices except noted, each, 10 cents.

Nivea. (NEW.) This grand variety is an advance in flowering Begonias. It is a constant bloomer, of dwarf, bushy habit and a vigorous grower, with large, dark green leaves and is constantly covered with large clusters of rosy pink flowers. Each, 25c.

Thurstoni. A beautiful, stately plant, with remarkably handsome foliage. The under side of the leaves is a rich, purplish red, the veinings are very prominent, while the face, or upper side, is a bronzy green, with a peculiar glossy luster over all. Flowers rosy white, in large clusters.

Manicata Aurea.—Its heavy, waxy leaves are boldly blotched and marbled with a rich, golden cream, with a clear pink etching in the mature leaves. Easily raised and strong grower. Each, 20c.

Metallica Velutina.—Different from all others. Foliage dark, velvety, bronze green above, under side reddish brown; a beautiful pot plant.

OTTO HACKER.—One of the best bloomers of these splendid decorative plants. Stiff, upright habit, with large, dark green leaves; great drooping clusters of coral flowers produced in bunches of 25 or more. Each, 15c.

Rubra.—One of the finest shrubby Begonias in cultivation; has dark, glossy green leaves; scarlet flowers produced in abundance; stout, upright habit.

VERNON. Foliage rich, glossy green, with red edge; flowers at first opening are deep red, changing to clear rose in the fully open flower. *Blooms when quite small*, thrives everywhere and is very popular. Will stand bedding in full sunshine.

Special Offer. No. 201. **One each of above seven Flowering Begonias for 75 cents, postpaid.**

MRS. CHAS. H. DUHME.

CARNATIONS...

VAUGHAN'S COLUMBIAN SET.

6 Best and most Distinct Sorts for 1898. — **Each, 15c.; 3 for 40c.; doz., $1.50 postpaid.**

This set is selected with special reference to their distinct and striking appearance. Every one free-blooming in habit, with flowers which do not burst.

One Each of the following Six Splendid Sorts for 60c., postpaid.

Armazinda.—Pure white, lightly penciled with scarlet. Fine, large flowers of good form, on very stiff stems; very fragrant, strong, healthy grower and free bloomer.

Jubilee.—Color intense scarlet, of the richest shade. One of the largest flowers among the reds; flowers full and well built; a free, continuous bloomer.

Della Fox.—Clear, soft pink. Very large, well-built flowers, long stems and a strong grower; free-bloomer.

Ivory.—Flowers pure ivory white. Of good size, finely formed, nicely fringed, never bursting the calyx and very abundant.

Dean Hole.—NEW. Bright, clear yellow, with scarlet stripe. Blooms more freely than any yellow we have ever seen, with large flower and better stem; flowers frequently measuring over 3 inches in diameter. These variegated Carnations are much admired.

Mrs. Chas. H. Duhme.—NEW. Color lively, delicate pink. Large, well-built flowers, fragrant; with good calyx on strong, stiff stems; plant vigorous, erect grower. A very early, free and constant bloomer, much more so than any other of the light pink sorts.

IVORY CARNATION.

GENERAL LIST OF CARNATIONS.

Price, each, 10c.; any 3 for 25c.; any 6 for 50c., postpaid.

Minnie Cook.—This is the largest and heaviest Carnation of the fancy type yet produced a wonderfully vigorous grower. The flowers may be cut with stems from 15 to 30 inches in length, according to the season. The flowers are massive and perfect in form and their delicate markings of pink and carmine combine to make it a thing of beauty indeed.

Alaska.—The finest Carnation in the market. Flowers are as white as the driven snow, of the largest size, very fragrant, never bursting their calyx. Plant of short, stocky growth, making an elegant pot plant.

Daybreak.—Very large, perfectly double flowers of the most delicate shade of pink. A most elegant cut-flower variety.

Wm. Scott.—This is the greatest cut-flower Carnation in the florists' stores this year. A strong, rich pink, with a shade of salmon, giving it a warmth of color seen in no other pink; finely fringed petals, flowers of large size, with long stems that hold it erect.

Portia.—Intensely bright scarlet. The flowers are only medium in size, but it flowers the most freely of all scarlets.

Tidal Wave.—This is a splendid carmine pink, the most free-flowering of all. Its dwarf habit, the stems being only 12 to 15 inches high, makes it most desirable for pots.

Special Offer.--1 each of above 12 Carnations for $1.00, postpaid.

A GOOD CLIMBER

COBÆA SCANDENS.—One of the best and most rapid growing annual vines for porches, trellises, etc. One plant will soon cover 40 feet of surface. Flowers are large, purple, bell-shaped. Bloom early and until frost. Each, 15c.; 2 for 25c.; doz., $1.50; extra large plants, by express, 35c.; doz., $3.50

Each 10c., except noted. The 7 for 50c., postpaid.

COLEUS.

☞ For GRAND BEDDERS, See also our Cauna pages.

New Coleus.—MRS. F. SANDER. Beautiful and distinct, dwarf, bushy habit. It has a wedge of creamy white in the center of the leaf, with a clearly defined margin of oxide green, bronze, purple and crimson. Makes a beautiful bedding plant and a very decorative house plant in Winter. 15c.

Count Waldersee. Green, spotted carmine.

Crisp Beauty. Purple pink, with green edge.

Geo. Simpson.—Pink, shaded dark purple.

Lovely Sunset.—Irregulary mottled, pale yellow margin, red center.

Beckwith's Gem. Center of leaves crimson and scarlet, broad margin.

South Park.—Undoubtedly the best yellow variety now in use: originated by Mr. Fred Kanst, head gardener of South Park, Chicago.

Bedding Coleus.—In variety. Per doz., 75c.; 50 by express, $2.00; 100, $3.75.

NEW COLEUS, MRS. F. SANDER.

CALLAS.

True Little Gem, or Miniature.—The plant is a miniature form of the old-fashioned Calla. A full grown specimen *stands only 8 or 10 in. high* and is rarely without flowers. 15c.

CALIFORNIA GIANT.

This rare mammoth Calla we found growing at Santa Rosa. At that time, June 30, the plants were 5 feet high and bore flowers 8 inches across, with flower stems over 5 feet in height and nearly 1 inch in diameter at the bottom. Price, fine, strong plants, each, 30c.; 2 for 50c., postpaid.

Æthiopica.—The well-known white Calla Lily. 15c.

Black.—Foliage deep green, flowers very large deep, velvety black. Each, 20c.

Spotted Leaf Calla.—Each, 15c.

Vaughan's Calla Collection, 1 each of above, 75c., postpaid.

Caryopteris.—This Blue Spirea has created a sensation wherever grown. Beautiful lilac flowers until the month of December. *This is extra good.* Each, 15c.; large plants, 25c.

Cyperus Alternifolius.—(UMBRELLA PLANT.) A splendid water plant for the center of a vase or aquarium. Very easy to grow. Each, 15c.

SPOTTED LEAF CALLA LILY

Write for prices on larger lots than those quoted on this page.

QUEEN CHARLOTTE.

Vaughan's Cannas

NO halt has been made in the rapidly growing popularity of this grand class of Summer bedders since our importations attracted so much attention at the World's Fair. Every season their splendid flowers and foliage effects win for them more friends everywhere. Large stocks in the hands of seedsmen and florists last year were all exhausted before the season closed. We are cultivating a complete assortment every Summer at Western Springs and our 1898 catalogue contains the best to date, as we discard or throw into our mixed lots those smaller flowered or older kinds which are superseded by newer ones in the marked improvements constantly made. We do not retain any named varieties unless they possess high grade flowers or very desirable foliage.

OUR YOUNG PLANTS will mostly be started into growth and be ready to go ahead. Plant out of doors about May 25th at Chicago or New York.

Beware of Low-Priced offers of Cannas, claiming to be Newest French Sorts, but containing many of the old, tall-growing, small-flowering kinds to make the offer **appear cheap,** when it is really a dear one.

These Cannas bloom all Summer and in the Winter in the house if potted before frost touches them.

VARIEGATED SHADES.

Ami Jules Chretien.—3½ feet. Foliage green; large flowers, well rounded petals of a bright apricot red, suffused with rose. Ea., 15c.; 3 for 40c

Cuba Libra.—4 feet. Green foliage. An improved Madame Crozy; large flower, deep blood-red and fully equal to Madame Crozy in flowers, foliage and habit of growth. Each, 15c.; 3 for 40c.

Geo. W. Childs.—3½ feet. Flower a miniature copy of Madame Crozy. The flower spikes are about 5 inches in diameter, symmetrical, longer and more Gladiolus-like than any other variety; the spikes stand well above the foliage, making it, because of its dwarf habit, just suitable for the outside row in planting a Canna bed. Ea., 15c ; 3 for 40c.

Little Billee.—3 feet. Green foliage. A very dwarf variety, intermediate in color between Queen Charlotte and Souv. d' Antoine Crozy; fine as a pot plant and equally as good for outside rows in planting a Canna bed. Each, 15c.; 2 for 25c.

Madame Crozy—Medal awarded. 4 feet. Green foliage. Immense flower heads of the deepest vermilion, gold-bordered; petals very wide and broadly rounded. Each, 10c.; doz., $1.10; by express, 25 for $1.25; 50 for $2.25.

Mrs. Fairman Rogers.—3 feet. Green foliage. An improved Mad. Crozy, of dwarf, compact habit; a profuse bloomer, forming large flower trusses of a brilliant red, banded with a narrow border of yellow. Each, 20c.; 6 for $1.00.

Queen Charlotte.—3 feet. Green foliage. A most distinct flower, rich, crimson scarlet, with wide gold border on every petal. A very handsome plant, medium in height and a compact grower; a profuse bloomer; the flower-spike, which is full and well formed, stands well above the leaves, yet not so tall as to be ungainly. 15c.; 3 for 40c.

Souv. de Mad. Crozy.—See Novelty pages. Each, 50c.; 3 for $1.00.

Souvenir d' Antoine Crozy.—3 feet. Green foliage. This is a perfect gem and in our estimation the finest gilt-edged variety yet introduced; the flowers are large, well rounded petals, which are of intense scarlet-crimson, rich and dazzling and are bordered with a broad, rich, golden-yellow border. Each, 30c.; 3 for 75c.

BRONZE-LEAVED SORTS.

Bronze Beauty.—4 feet. Bronze leaf, green stalk, strong grower; flowers open and well above the foliage, petals large and curving, color same as J. C. Vaughan, but has a changeable appearance in different lights. Each, 20c.; 3 for 50c.

Charles Paul.—3½ feet. Metallic purple foliage, flowers large, generally with 5 large, round petals, bright rose, passing into cloudy salmon. Each, 25c.; 3 for 60c.

Discolor.—10 feet. Its mammoth leaves are bronzy red; used largely for background or foliage effect; small, red flowers. Each, 10c.; per doz., $1.00, by express, 25 for $1.75.

Egandale.—(Medal.) 4 feet. Considered by experts the best in this class. Purple foliage, strong, compact flower spikes, color currant-red. The finest bedding Canna of its color because of its harmony of leaf and flower, and because of its brilliancy it can be seen farthest. 15c.; 3 for 40c.

General Dodds.—3½ feet. Rich, deep bronze foliage, good grower, flower deep vermilion with slight crimson dots; of good size and reflex more than other Cannas. Each, 15c.; 3 for 40c.

J. C. Vaughan.—4½ feet. Purplish foliage; flower large, color clear, deep vermilion orange, with a satiny luster on the petals, flower spikes large. It is one of the best dark-leaved kinds, while the flower is large and contrasts brilliantly with the dark foliage. Each, 20c.; 3 for 50c.

Inglewood.—See Novelty pages.

J. D. Cabos.—Medal awarded. 4 feet. Purplish green foliage, stalks numerous, flowers large and round, color exceedingly distinct apricot. Its marked and novel color attracts much attention. Each, 15c.

Leonard Vaughan.—See Novelty pages. Each, 30c.; 3 for 75c.; 12 for $2.50.

Leonard Lille.—See Novelty pages. Each, 15c.; 3 for 40c.

PINK SHADES.

Ehemanni.—6 feet. A very broad, emerald-green leaf, clearly veined; growth most luxuriant. The flower heads are well above the foliage and each individual flower with a long, carmine tube with petals recurved, distinguishing it from all other Cannas. Each, 15c.; 3 for 40c.

Mlle. Berat.—A most distinct and novel variety, being the nearest approach to a pink yet introduced. It is of a very soft shade of rosy carmine and is very pleasing and unique. Foliage green. 4 feet. Each, 30c.; 3 for 75c.

Maiden's Blush.—See Novelty pages. Each, 40c.; 3 for $.100.

P. J. Berckmans.—5 feet. Green leaves, flowers well above the foliage, free-flowering, flowers large, bright cherry, almost identical with Ehemanni; another fine bedder to use alone; unique color. Each, 15c.; 3 for 40c.

Special Offer.

OF ALL CANNA SORTS LISTED AT 15c. EACH

We furnish 3 for 40c.; 12 for $1.50, by mail, postpaid or, if sent by express, at buyer's expense, at $1.40 per doz.; $2.40 for 25; $4.50 for 50; $8.00 per 100.

OF ALL CANNA SORTS LISTED AT 20c. EACH

We furnish 3 for 50c.; 12 for $2.00, by mail, postpaid; or, if sent by express, at buyer's expense, at $1.75 per doz.; $3.00 for 25; $5.00 for 50.

We make plans and estimates for Canna beds. Write us, stating space you have and approximate amount you can expend.

FLAMINGO

VAUGHAN'S CANNAS

YELLOW SHADES.

FLORENCE VAUGHAN.—(Medal.) The most famous of all Cannas. It was hybridized by Mr. Crozy and the entire stock, 13 plants, purchased by us for 2,000 francs in 1891. It still remains so, the highest type of new French Canna flowers—the petals being remarkably wide, rounded on the ends, of good substance and flower very large. The flowers are rich golden yellow, thickly dotted with brightest red. The foliage is green, splendid broad leaves, height 5 feet. No Canna bed is complete without this perfect type. It is a decided ever-bloomer. Each, 15c.; 3 for 40c.; 12 for $1.50, prepaid. By express, 25 for $2.50; 50 for $4.50; 100 for $8.00.

Comte de Bouchard.—4½ feet. Green foliage; flowers similar to Florence Vaughan. Each, 10c. 3 for 25c.

Eldorado.—3½ feet. Foliage green, large, yellow flowers, finely speckled with lightest red; they never fade but drop off the flower-stalk as they pass perfection, leaving it bright and clean, so that the bed is always a mass of the brightest, golden yellow. 20c.

Madagascar.—4½ feet. Green foliage; an entirely distinct variety, with large flowers and well-rounded petals of an ochre yellow, mottled carmine. Each, 25c.

Yellow Crozy.—See Novelty page. Each, 50c.; 3 for $1.25.

CRIMSON SHADES.

Chas. Henderson.—4 feet. Green foliage. Fine crimson; a good bedder. Each, 10c.; 3 for 25c.

Alphonse Bouvier.—(Medal.) 6 feet. Green foliage; the flower spikes, of which there are two or three on a stalk are very large and full, and the flowers on each blooming together. Color, bright crimson, large. 10c.

Beaute Poitevine.—3½ feet. Green foliage; flowers bright, rich crimson and with erect flower spikes. A fine bedder. 30c.; 3 for 75c.

Columbia.—(Medal awarded.) 3 feet. Foliage green; flowers very large and rather compact on the spike, petals 1½ inches wide and slightly overlap each other; texture very thick and firm, and flowers will last longer and withstand wind and rain better than any other variety; early and constant bloomer; color, a rich glowing red. Each, 20c.; 3 for 50c.

Explorateur Crampbel.—5 feet. Green foliage. Flowers, clear vermillion scarlet, spotted with crimson. Each, 10c.; 3 for 25c.

Flamingo.—3½ feet. Solid glowing crimson, green foliage, large open flowers, well reflexed petals of good thick substance, a very compact and even grower, splendid for dwarf beds. One of the best for winter-blooming in the house. Each, 30c.; 3 for 75c.

Hortense Barbereau.—3 feet. Foliage green; an exceptionally good, bright cherry red, with large heavy trusses of good sized flowers. 30c.

Miss Sarah Hill.—4 feet. Foliage green; medium size flowers, carmine crimson. Each, 10c.; 3 for 25c.

Pillar of Fire.—A giant among Cannas, 6 to 7 feet. Green foliage; very bright, almost scarlet; flowers large and borne in strong erect spikes, constant bloomer, invaluable for center pieces. Each, 20c.; 3 for 50c.

Philadelphia.—See Novelty page. Each, 35c.; 3 for $1.00.

Roi des Rouges.—3 feet. Green foliage. M. Crozy calls this the king of the reds, and it is certainly one of the finest of the many reds yet introduced; the flowers are of good size, with heavy petals, and are produced on stout, thickly-set stems. Each, 50c.; 3 for $1.25.

Vice-President Luizet.—3½ feet. Foliage green. Excellent for massing; rich cherry red with carmine reflex. Each, 35c.; 3 for $1.00.

New Orchid-Flowered Canna "Italia."

Price, each, 15c.; 2 for 25c.

For description and other Orchid-Flowered Cannas, see Novelty Pages.

FLORENCE VAUGHAN.

RED AND SCARLET SHADES.

J. Wilkinson Elliott.—4½ feet. Green foliage, flower-spike large and open, petal long and broad; color, vermillion, covered lengthwise with fine crimson veins, slightly edged with yellow; used for a solid bed gives a grand effect. Each, 10c.

Chicago.—See Novelty page. Each, 20c.; 3 for 50c.; 12 for $2.00.

Midway.—(Medal awarded.) 4½ feet. Green foliage; color, rich vermillion, slightly streaked with faint crimson; petals 1⅝ inches wide, compact flower spike, a strong grower and free bloomer. The crimson streaks and splashings in the petals make a splendid effect in their back ground of scarlet. Each, 20c.; 3 for 50c.

Octave Mirabeau.—(Medal.) 3½ feet. Green foliage, flowers large, petals wide; color, a deep vermillion, painted with finely penciled lines of orange scarlet and crimson; back of petals the same. Each, 15c.; 3 for 40c.

President Cleveland.—See Novelty page. Each, 75c.; 3 for $2.00.

Papa.—3½ feet. Green foliage; considered by many the finest red; strong grower, throwing up immense spikes of flowers; the florets being of grand size and fine form; color, pure red; habit of plant graceful. Each, 20c.; 3 for 50c.

Triumph.—See Novelty page. Each, 50c.; 3 for $1.25.

Sophie Buchner.—6 feet. Green foliage; flowers very large, petals well opened. The fourth petal is unusually large; color, clear, deep, vermillion; spikes showing well above the foliage. Each, 15c.; 3 for 40c

John White.—3 feet. Green foliage with indistinct whitish markings; flower of no value. Each, 10c.; 12 for $1.00.

ORANGE AND SALMON SHADES.

Etendard.—4 feet. Green foliage; strong grower, long and wide, drooping leaves, flower spike large and compact, well above the foliage; petals large and curving; color deep orange, with very narrow edge of yellow. 30c.; 3 for 75c.

M. Mesnier.—(Medal.) 4 feet. Dark green foliage; sturdy growth, flowers large, petals wide; color, salmon slightly streaked and dotted with red. The petals have a narrow rim of yellow, often ⅓ inch wide. Each, 15c.; 3 for 40c.

Mrs. J. M. Samuels.—4 feet. Green foliage, flowers large, deep salmon, heavily dotted with crimson; a strong grower and free bloomer. 15c.; 6 for 75c.

Mrs. F. L. Ames.—(Medal.) 4 feet. Green foliage; petals wide but short; color, deep salmon, dotted slightly crimson. Each, 20c.; 3 for 50c.

Secretaire Chabanne.—See Novelty page. Each, $1.00

Paul Bruant.—4½ feet. Green foliage; large flowers, orange red. 15c.

Paul Marquant.—4 feet. A vigorous grower, foliage deep green; strong flower spikes; extra large flower of a deep salmon color, smoothly shaded orange; petals are wide. Each, 10c.; 3 for 25c.

Stella Kaust.—4½ to 5 feet. Green foliage; flower apricot, medium size, of splendid substance, trusses good and borne well above the foliage on very strong, cane-like stalks. Best bedder of this color for massing. Each, 15c.; 3 for 40c.

WHITE.

Alsace.—Nearest approach to a white, being a pale lemon and bleaching in the sun; 3½ feet, medium sized flower. 15c.; 3 for 40c.

EXTRA STRONG PLANTS

May 10th--15th.

For customers who wish immediate effect in CANNA BEDS, we offer **May 10th,** well-grown plants from 5-inch pots, with good strong leaves, of the following kinds: Florence Vaughan, Mad. Crozy, Eldorado, J. C. Vaughan, Egandale, Queen Charlotte—at **$2.00 per dozen,** by express, at buyer's expense. Special price for 100 lots.

CHRYSANTHEMUMS

——VAUGHAN'S NOVELTY SET FOR 1898.——

MRS. MARTIN A. RYERSON.

A reflexed white of the largest size, florets very artistically arranged. Winner of the cash prize of $50.00 for seedling, scoring highest number of points at the Springfield, Mass., Show.

EVANGELINE.—Pure white. Undoubtedly the greatest novelty of the year. Its type and form can be described by calling it White Kioto. Its size is over 12 inches from stem to stem, a solid mass of petals, in color almost a paper-white. The stems are strong, and foliage well up to the flower; clean, erect habit and stiff, straight stems, averaging 2½ to 3 feet.

THANKSGIVING.—Height, 3½ to 4 feet; of sturdy habit and nice foliage; flowers large; color, fresh, delicate, even shade of pink, mid-season and later; keeps very well. Grown cool is in season at Thanksgiving; very distinct, and a fine exhibition variety as well.

Glory of the Pacific.—It is of magnificent size and depth, with broad petals, which finely reflex, showing the clear pink color to excellent advantage. Maturing October, 8th. Height, 2½ feet.

DEFENDER.—Dark crimson, very bright, and does not show underside of petals which are lighter; midseason; height, 3½ to 4 feet; terminal buds; good, free grower; stout stem, and good foliage up to bloom.

GOLDEN TROPHY.—A grand early yellow; a dwarf grower, requires no tying; foliage very beautiful and quite up to the flower; very large for October, compact, crowded with petals, incurving into a complete golden ball; has been characterized as an "Early Bonnaffon."

VAUGHAN'S "NOVELTY SET," the above six, with pamphlet on culture, for $1.00, by mail, postpaid.

MRS. MARTIN A. RYERSON.

Ostrich Plume Set.

The flowers of this class are large and graceful, having a fine, downy appearance, produced by the glandular hairs on the petals.

Enfant des Deux Mondes.—(Child of two worlds.) A creamy white, hairy variety, fine shape and excellent form.

Louis Boehmer.—This is identical with the above variety, but its color is an exquisite shade of silvery pink with deep rose on the inside of petals.

Perle Lyonnaise.—Bright clear golden yellow, somewhat plumed, quite full; one of the very finest; of medium size; beautiful globular form; new.

Golden Hair.—Bright chrome yellow, suffused amber; petals very broad and closely incurved; covered with spines.

Mrs. C. B. Freeman.—Sport from L. Boehmer; color varies from yellow to bronzy yellow according to temperature.

Beaute Lyonnaise.—Red and old gold: incurved; nicely plumed.

Beauty of Truro.—Large flowers, densely covered with spines, color, light pink, center yellow, very fine.

PRICE, each, 15c., two for 25c.
OSTRICH PLUME SET, the above seven for 60c., postpaid.

MISS MAY WILLIAMSON.

GENERAL COLLECTION.

Chas. Davis.—Light yellow tinted apricot.
E. M. Bigelow.—Deep, rich crimson.
Eugene Dailledouze.—Bright, golden.
Golden Wedding.—Japanese. Deep yellow.
Jayne.—Large incurved flowers; deep pink.
Joanna.—Bronze and old gold.
Modesto.—Largest size; deep yellow.
Major Bonnaffon.—Light chrome yellow.
Mayflower.—Pure white, of the largest size.
Mrs. Perrin.—Pure rose pink.
Mrs. S. T. Murdock.—Light rose or pink.
Mrs. H. Robinson.—Pure white.
Mrs. Jerome Jones.—Pure white.
Miss May Williamson.
Niveus.—Large, pure white.
Philadelphia.—White, tinged yellow.
Shavings.—Like mahogany shavings.
The Queen.—A grand, pure white.
Viviand Morel.—Beautiful pink; large.
Yellow Queen.—Beautiful rich yellow.

PRICE, each, 10c.; any 3 for 25c.; 8 for 50c.; Or, the collection of 20 for $1.00, postpaid.

Chrysanthemum..... .....Miss May Williamson.

This fine variety is perfection in its class of Pompon, or small-flowered. It has now been some years since a really good sort has been offered, in fact, owing to the rage for monstrosities the Pompons have been neglected. The flowers are perfectly double, round as a ball, 1¾ inches in diameter, pure snowy white. Amateurs and others may rest assured of its hardiness and ease of cultivation. **Each, 10c.; 3 for 25c.**

GEO. W. CHILDS.

Chrysanthemums for Pot Culture.

The following list is a selection from over 100 sorts, and embraces the best varieties for culture in pots, of dwarf and compact habit.

Crystalina.—Snowball type, pure white flowers, which resemble a ball of cut tissue paper, the petals being very fine.

The Bard.—Extremely double, reflexed variety of medium size. Color a rich crimson, with outer edge of petals trimmed with old gold; vigorous grower.

Geo. W. Childs.—Deep, rich, velvety crimson, with no shade of brown or chestnut, a grand red sort.

A. H. Fewkes.—A double, partially incurved Japanese of the largest size; of bright golden yellow, without shading.

Ivory.—The flower is a perfect white ball of good size, incurved, borne upon long stems; especially desirable for amateurs as a grand pot plant.

Mrs. Agnes L. Dalskov.—Pink Ivory; the sensation of the year. A sport from Ivory, identical with its parent, except in color, which is a beautiful shell pink.

Paul Noisette, or Yellow Ivory.—Seldom grows in height over 18 inches. Flower of medium size and of a rich lemon yellow, slightly hairy.

Constellation.—The nearest to a true pink yet introduced; good sized flowers with straight petals, forming almost a round ball.

Vaughan's "Set for Pot Culture," each, 10c.; the 8 Grand Varieties and Essay on Chrysanthemum Culture for 50c., postpaid.

Dahlias.

"OLD friends are best," so we find this one becoming again a great favorite everywhere. From the many collections shown at the World's Fair we purchased a good variety, and though the foreign names of our list look very odd, they stand for some of the most showy and beautiful kinds ever seen in America.

We offer dry roots or tubers, but if these become exhausted, we then fill orders with pot plants.

Double Large-Flowering Sorts.

Each, 15c., except where noted; 6 for 80c.; doz., $1.50, postpaid.

Bird of Paradise.—3 feet. White, tinged pink; profuse bloomer.

Bonnard's Yellow.—4 feet. One of the earliest bloomers; yellow.

Cherubim.—Brightest crimson.

Camelliaflora.—Very distinct; unlike any other white Dahlia. Plant a robust grower, with the long-stemmed flowers poised high above it. Flowers pure white, with long-toothed and quilled petals. One of the very best.

Crimson Ball.—Bright crimson purple, of perfect ball shape and always full to the centre. The plant is a dwarf, vigorous grower and a constant bloomer.

Floral Park Jewel.—Flowers of many colors, from deep maroon to blush-white, including beautiful spotted and variegated forms, are all produced on the same plant.

Gem.—3 feet. Deep crimson; very double and good bloomer.

Gustav Panzer.—Large flower deep velvety purple, almost black; 4 feet; a grand sort.

Great Jubilee.—4 feet. Very large flowers, very deep ox-blood red or maroon.

J. C. Vaughan.—4 feet. Yellow, of a superior form, and very constant.

Kaiser Wilhelm.—4 feet. Deep yellow, tip of petals bright red; large, early and free.

Mary Eustice.—2½ feet. White with flesh-colored centre; very dainty.

Mary Hallock.—Petals beautifully quilled, forming perfect, golden yellow flowers.

Miss Dodd.—The finest formed yellow Dahlia in cultivation. An old variety, but rare. The blooms are of the largest size, perfectly double, and on long stems, a late bloomer, but the irreproachable style of the flower will make up for any shortage in quantity.

Queen Victoria.—3 feet. Pure yellow; very early and very double.

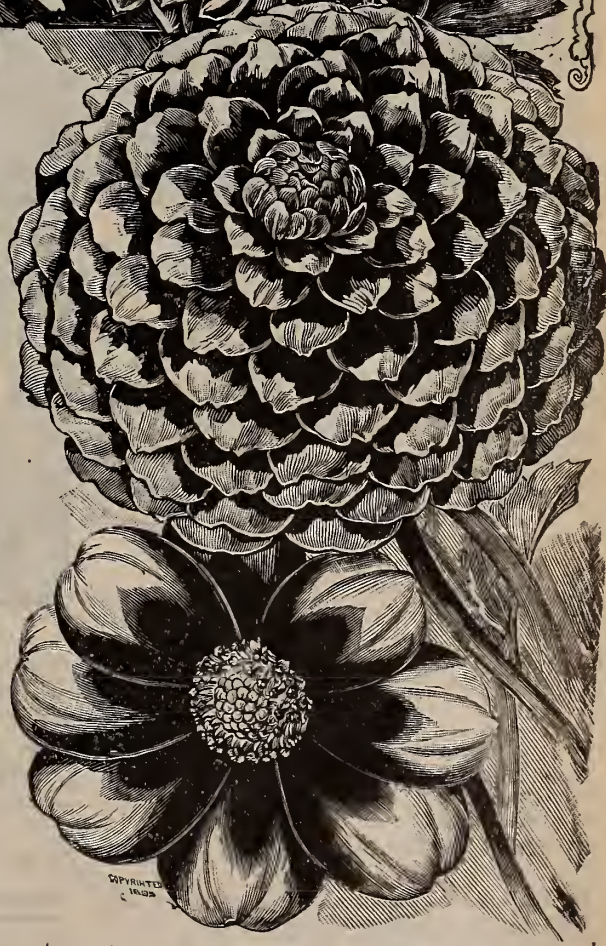
Snow Dwarf.—2 feet. Very large, pure white flower; smooth, rounded petals.

Yellow Bird.—4 feet. A very free blooming, clear yellow.

One each of the above 17 Dahlias for $2.00, postpaid.

A GRAND NEW DAHLIA, WHITE PIGMY. (*Alba imbricata.*)

A wonderful, new dwarf Dahlia, 20 inches high, of handsome, bushy habit. Flowers very double and of the purest snow-white. On account of the size of the flowers, which are only about one half as large as those of the large-flowering sorts, their snowy whiteness and long and wiry stems, this new Dahlia is splendidly adapted to cut-flower use. Each, 20c.



CACTUS DAHLIAS.

Each, 15c.; the 9 below for $1.00, postpaid.

Empress of India.—An intense deep crimson.

Formosissima Picta.—4 feet. Very striking and thoroughly distinct. Orange scarlet, the centre of each petal banded with a dark shade. Its markings are quite unique.

Henry Patrick.—Pure snow white.

Harry Freeman.—2 feet. Excellent cactus-like form, color pure white. Very floriferous.

Long Island.—3 feet. Most showy and distinct Dahlia. The semi-double flowers are very large, and are borne on long stems; bright scarlet, yellow centre.

Nymphaea.—By far the most distinct of all Dahlias. Petals broad, somewhat incurved. The color is a very light pink, giving the flower the appearance of a full-blown rose. Lasts several days and has a *sweet, delicate fragrance.* A most prolific bloomer, bearing flowers on long stems. Just what you want for bouquets or decorations.

Snowfleck.—(Dwarf Cactus.) Flowers large, with wide, flat, graceful petals. Color a fiery scarlet, sometimes having two or more petals pure white. Very striking and handsome.

Wm. Pearce.—A true butter-yellow color. A most prolific bloomer, as many as 300 flowers having been counted on a single plant.

Zulu.—3 feet. Deep rich purple maroon; finest in this color. Flowers are of medium size, very double with beautiful broad petals overlapping each other like a Camellia.

POMPONE DAHLIAS.

Each, 15c.; 3 for 40c.; set of 7 for 80c., postpaid.

Dr. G. de Rodiczky.—Cinnabar on pale yellow ground. A very prolific bloomer.

Kate Haslam.—2 feet. Clear pink; a ball-like flower; first-class bloomer.

Euthalia.—Yellow, with ends of petals red, as though dipped in blood; a very pretty sort.

Gold Pyrol.—Golden yellow; prolific bloomer, often 50 flowers on a plant at one time.

Orange Aster.—3 feet. Cinnabar-red, with slight shading of flesh pink; free bloomer.

Mrs. J. Douglas.—2½ feet. A bright salmon, distinct in color.

Rudolph Kuhl.—2 feet. Deepest maroon, ends of petals tipped white.

SINGLE DAHLIAS.

Each, 15c.; the 3 below for 40c., postpaid.

Chrysolora.—Flesh pink, with light yellow centre; very large.

Paragon.—Flowers of large size; deep velvety crimson, with yellow centre.

White Lady.—Large flowers, light sulphur yellow, with *deep* yellow eye; extra fine.

COLLECTION OF DAHLIAS.

8 Choice Kinds, by mail, $1.00.

H. Sherber.—One of the finest, color salmon, large flowers and of dwarf growth.

Princess Bonnie.—A good variety. Flowers largest size of a beautiful creamy white.

Rudolph Kuhl.—Deepest maroon, tipped white.

Empress of India.—An intense deep crimson. One of the finest of the Cactus type.

Red Head.—Large flowered, dwarf, bright red; early.

A. D. Livoni.—4 feet. This is the most lovely form of any pink Dahlias; long stems, petals beautifully quilled.

Miss Tatcher.—The best golden yellow Dahlia in cultivation. The flowers are very large, very full and double,

MARGARET BRUANT.—A grand variety, producing pure white flowers. The habit of the plant is dwarf and symmetrical.

Each, 20c. or the 8 sorts for $1.00, postpaid.

FANCY LEAVED CALADIUMS.

FANCY LEAVED CALADIUMS.

For window boxes, house or greenhouse growing this is one of the most decorative plants. Their rich thrifty leaves, handsomer than begonias, are spotted, marbled, veined and striped with white, pink and dark red. These bulbs though comparatively rare are very easily grown and their handsome foliage always much admired. Out of doors use a shaded location, with light soil, watering often as needed. Bulbs should be dried down and stored in a warm place during the winter. They should be started into growth in a warmplace.about April 1st

Crystal.—Milk-white, gauze-like, transparent, often pink-shimmering leaves. Ribs and veins cream colored.

Guil-Mar.—Cream colored, ground mingled with a dark salmon color; magnificent.

Caxambu.—Robust, high-stalked leaf with red rib line.

Capibaribe.—The middle is of a fiery dark red, the yellowish edge is interlaced with dark red veins. Magnificent.

Pedro Alvares Cabral.—Very darkest red, edge yellowish green. Magnificent.

PRICE, any of above, each, 25c.; the 5 for $1.00.

Besides the above we also have a large collection of the older standard sorts. Each, 20c.; 12 for $2.00. *Our selection of kinds.*

SWORD FERN.

See Novelty page for New Ferns.

FUCHSIAS.

GLOIRE DES MARCHES.—NEW. The finest of all double white Fuchsias. The plant is remarkably free flowering, strong grower, forming compact, shapely plants in small pots. The flowers are very large and double. Corolla pure white. Price, each, 15c.

Little Beauty. This is indeed a little beauty. It begins to bloom when 2 or 3 inches high and coutinues the year round. Flowers single, 1½ inches long; its sepals are bright red with purple corolla; dwarf, compact grower, making an ideal pot plant. Each, 15c.

Phenomenal.—Corolla intense sky blue, of enormous proportions, frequently 2 in. across; sepals, coral red. 10c.

MARENGA.—This grand variety is, without a doubt, the most desirable sort for hanging baskets. It is of neat, compact growth, not coarse, and very symmetrical. The habit is vigorous, with large, healthy leaves. Corolla, dark amaranth red, single; sepals, carmine. Each, 10c.

SUNRAY.—*New variegated Fuchsia, totally distinct from all others.* The leaves a beautiful green are regularly banded with pink, making a very striking show. Single flowers, of a bright rosy scarlet, borne in large drooping clusters. Medium size, long and graceful; strong grower with drooping habit, making it well adapted for hanging baskets or window boxes. Each, 15c.; 2 for 25c.

RICCARTONIANA.

THE MINIATURE FUCHSIA. This is one of the prettiest Fuchsias. Plants attain a height of 2 and 3 feet, clothed thickly with small, pointed leaves and completely covered with blooms the entire Summer and Fall. The flowers are of the smallest size and of a bright crimson color. The flowers are borne in bunches the full length of the branches, having as many as 200 to 300 flowers at one time, which makes it one of the best in the Fuchsia family. There is none better for beds or borders. In Philadelphia small plants have stood for several winters unprotected. 10c.

JASMINES.

Grand Duke. Double white flowers. Each, 20c.

Night Scented.—White flowers in clusters. Each, 15c.

IVY German.—Each, 10c.; 3 for 25c.

IMPATIENS SULTANI.—Each, 10c.; 3 for 25c.

HELIOTROPES.

White Lady.—Very large trusses of nearly white flowers.

Picciola.—Rosy violet with white center. A giant variety, of beautiful habit; free bloomer.

Mad. A. Carrier.—Plant half dwarf; extremely free flowering; truss and flower very large; white center, deep blue border.

Price, each, 10c.; 3 for 25c.

FARFUGIUM GRANDE.

Farfugium Grande.

The leaves become immense; clear bright green, blotched with golden yellow, fine flowers. We recommend it as a room plant. Each, 25c.

GLORIE DES MARCHES FUCHSIA.

Grevillea Robusta.—SILK OAK. A very beautiful sbrubby plant with fern-like foliage and rich golden yellow trusses of flowers. Grows rapidly from seed, soon forming fine plants.

Plants, each, 15c. Seed, per pkt., 10c.

HYDRANGEAS.

Otaksa.—Deep rosy pink; vigorous grower, nearly hardy. Strong plants. Price, each, 10c.

Schlegel's Red Branched.—The new growth of wood is a deep red color; flowers of light cherry shade, produced in immense trusses. Strong plants. Each, 15c.

Thomas Hogg.—A pure white variety, with trusses of flowers 15 inches in diameter. 10c. The 3 kinds for 30c.

MOON FLOWERS.

Grow and bloom well with everyone. If planted out in rich ground where they have full exposure to the sun, they will attain a height of 40 feet by October 15, blooming all Summer.

Noctiflora.—Flowers six inches in diameter, pure white, with a five pointed star in the ceuter.

Leari.—Flowers deep azure blue, 4 inches in diameter, a charming contrast to the preceding; a free bloomer; grows about 25 feet in one season. A most attractive climber.

Each, 15c.; the 2 for 25c.; large plants, 25c.

MUSA ENSETE. Abyssinian Banana.—A grand lawn plant of easiest cultivation in the open ground in Summer, or for conservatory in Winter. Plants about 12 inches high, 35c. Plants 20 to 28 inches high, each, $1.00, by express.

MUSK. Double Flowered.—The musk-like odor from the leaves and flowers is very powerful, a single plant scenting a large room. Each, 15c.; 4 for 50c.

CHINESE HIBISCUS.

Mineatus.—As gorgeous and fine as the best Pæony, and fully as large. Very double, vermillion scarlet flowers.

Versicolor. Large flower, striped crimson, rose and white.

Collerii.—Flowers buff yellow, with a crimson scarlet base. Peculiarly handsome. Each, 10c.; the 3 sorts for 25c.

FERNS.

Adiantum Farleyense.—The finest of Maiden Hair varieties. Each, 25c.

Sword Fern.—Long, graceful fronds, 18 to 20 inches; hardy, increases rapidly; you can soon "give a slip" to ten friends. 15c.

Pteris Tremula.—(SHAKING FERN.) Very pretty and graceful leaves. 15c.

Selaginella Ameliana.—Stiff and erect fronds 6 to 8 inches high. Plant useful for table decoration. 15c.

Pteris Serrulata.—A useful basket variety of graceful habit. 10c.

Adiantum Capillus Veneris.—(MAIDEN-HAIR FERN.) A very graceful plant and easily grown. 10c.

Onychium Japonicum.—A most desirable species with very finely divided pinnae; excellent for table decoration or exhibition purposes. 15c.

Pteris Serrulata Cristata.—A pretty crested Fern. Each, 15c.

SPECIAL OFFER: One each of above eight choice Ferns for $1.00, postpaid.

FICUS ELASTICA. INDIA RUBBER TREE.

The large, shining, green leaves endure the dry air of a living room as well or better than any other plant; this is why everybody likes it. Our plant are very choice. Plants 1 foot high, each, 60c. 18 inches high, $1.00; 2 feet high, $1.35; 2½ feet high, $1.70; 3 feet high, $2.25.

These prices are by express only.

FICUS ELASTICA.

Bedding Geraniums.

Price, each, except noted, 10c.; doz., $1.00, postpaid.

These plants give universal satisfaction. The flowers are large and showy and embrace nearly every shade and color; bedded out they make a gorgeous display all Summer, while as pot plants they have few, if any equals. Our list contains the cream of the newest introductions. Special prices will be given on larger quantities.

Athlete.—Immense trusses of largest, round, single flowers; vivid scarlet.

Alphonse Chardin.—Double; enormous trusses, beautiful new color, nankin rose with darker veins; plant of splendid habit, novel and distinct.

Beaute Poitevine.—Bruant, semi-double type. Immense sized flowers and trussses; beautiful shade of brilliant salmon, shaded with apricot; a very free-bloomer and as a bedding variety it has no equal.

Camille Bernardin.—Single; very large trusses, free-flowering habit; rosy peach, veined with bright rose; streaked and marbled with pure white; Miranda type.

Comtesse de Castries.—Double; flowers of very large size, very bright, soft rose, marked with white; a superb rose-colored variety for bedding. **Each, 15c.**

Double Guinea.—The nearest approach to a yellow Geranium. What do you say to a very bright orange color? Florets and trusses very large.

Dr. Levavasseur.—Single, fancy variety; wonderfully effective; peculiarly blotched and shaded; the three lower petals are orange-cherry, marked with lilac.

Double New Life Geranium.

The sensatiou which the Single New Life Geranium created when introduced into England is well remembered. THE DOUBLE NEW LIFE, as may be judged from our illustration, is a much greater sensational departure in every way. The outer florets are brilliant red; in the center of these appears another semi-double floret, pure white in color, effecting a very charming contrast, difficult to realize, unless seen, and having the appearance of being produced artificially. **Each, 20c.; 3 for 50c.**

Docteur Dujardin-Beaumetz.—Double; a robust, free-flowering variety, with brilliant scarlet flowers; a magnificent variety for massing.

Edward Danglede.—Very free-flowering, large, semi-double florets; beautiful magenta color; base of upper petals marked orange.

Electric.—Single; very large; brilliant scarlet; white eye; profuse bloomer.

FLEUR POITEVINE.—Another distinct colored variety. Large, single flowers; color, brilliant, rosy carmine, marbled and striped with pure white, producing aureole of deep orange-carmine at center; dwarf; free-flowering. 15c.

Heteranthe.—Semi-double; soft scarlet; a fine bedder.

J. D. Cabos.—Bruant; single. Plant dwarf and free, bearing large trusses of flowers of a novel and pleasing color in this type; color very soft pink.

J. RICAUD.—Free-flowering double variety, with enormous sized trusses; flowers purplish crimson of a very intense shade; center marked distinct white.

La Favorite.—A singularly double white; very rarely "pinks." Dwarf habit and a fine bedder.

Marguerite de Layres.—A grand single white; trusses of the largest size and of purest white.

Mrs. Hill.—Single. Florets 2½x2 inches. The center of each petal is a soft, light salmon, bordered with rosy salmon and veined deep rose. Frequently shows six petals; resembles a rare Begonia bloom more than a Geranium.

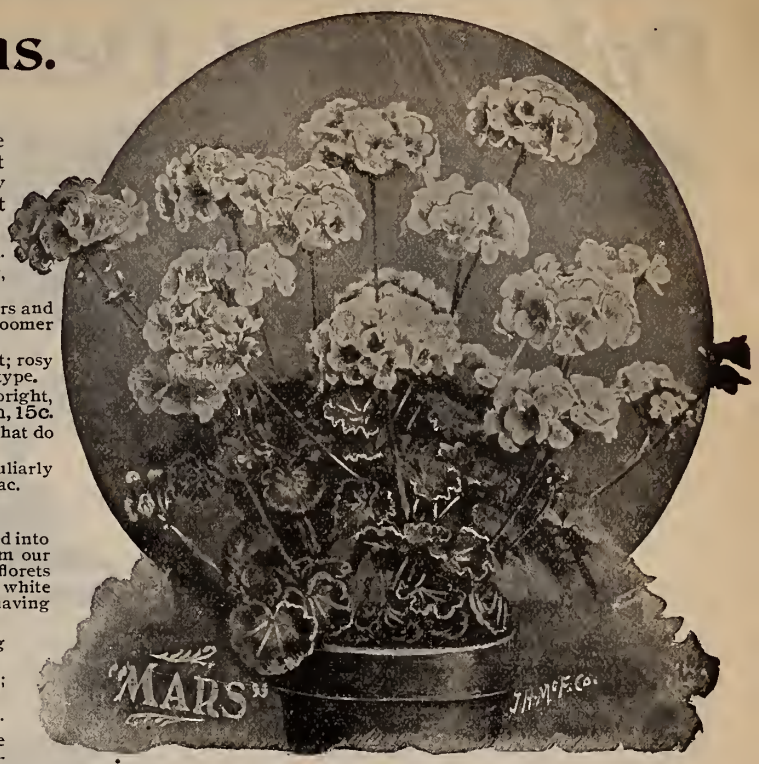
MAD. JAULIN. — This is an entirely distinct color in the Bruant, or bedding type. Very large florets compose a truss of grand size; center of flower very delicate pink bordered with pure white. For freshness and beauty this bedding sort is unrivaled.

Mrs. A. Blanc.—Bruant; the best bedder in the single salmon section. Immense trusses of large flowers; reddish-apricot.

Pres. Victor Dubois.—Immense trusses of extra large, semi-double flowers; long, stout stalks; bright magenta-rose. 15c.

Queen of the West.—Single. This grand scarlet is truly a queen.

DOUBLE "NEW LIFE" GERANIUM.



Geranium, MARS.—NEW. A superb bedding and pot Geranium. It is of dwarf and compact habit and a profuse bloomer, producing a quantity of flowers completely hiding the foliage, which is of a deep green color, with dark bronze zone. Flowers are single; color a deep salmon-rose at the center, changing to white on the edge, forming compact flower heads. 20c.; 3 for 50c.

S. A. NUTT.—Double; rich, dark crimson; the flowers are of perfect shape and large size, the trusses massive and produced in great numbers; close, compact habit.

Triomphe de Nancy.—NEW. Flowers semi-double, carmine red, with white markings very peculiarly arranged; an entirely novel variety, with large trusses of immense florets. No other double variety has ever shown the white markings similarly distributed. Each, 20c.

W. P. Simmons.—The most valuable dark-colored double; dark red, with orange shading.

GRAND OFFER.

One each of our Chicago Parks Collection of 26 Splendid Geraniums for $2.00. Postpaid.

Do not miss this this grand offer.

IVY-LEAVED GERANIUMS.

Each, 10c.; the 6 for 50c., postpaid.

Souv. de Chas. Turner.—Light scarlet, soft rose tint.

Beauty of Jersey.—Scarlet; very bright and double.

Galilee.—Rose pink, veined with violet; habit creeping.

Joan of Arc.—The only double white Ivy Geranium.

P. Crozy.—Soft, bright scarlet, with veinings of crimson.

Prince Albert.—Beautiful green foliage, with a creamy white band, sometimes changing to pink; flowers single, pink.

VARIEGATED-LEAVED GERANIUMS.

Mrs. Parker.—Foliage deep green, with broad, pure, snow-white band. Most free-flowering of all its class; flowers double, of an exquisite shade of deep, rosy pink. Each, 20c.

Chieftain.—A golden center with a bronze border. Each, 10c.

Happy Thought.—Green leaves, large yellow center. 10c.

Mad. Salleroi.—Small, green leaves, tinted with white. 10c.

Mrs. Pollock.—(GOLDEN TRICOLOR.) Bronze, scarlet zone. 15c.

Mountain of Snow.—Best of the silver-edge sorts. 10c.

VARIEGATED GERANIUM SET.—The above 6, 60c., postpaid.

AROMATIC SCENTED GERANIUMS.

Apple-Scented.—Very fragrant. 15c.

Rose-Scented.—(DR. LIVINGSTON.) Leaves finely cut and fragant; called "Skeleton Leaf" Geranium. 10c.

Rose-Scented.—Large foliage. 10c.

SCENTED GERANIUM SET.—The above 3 for 30c., postpaid.

Elroy, Wis.—I like to deal with you, because you are prompt in filling the orders sent you. Mrs. Nettie Avery.

Olin, Iowa.—The plants received from you are ahead of anything in the plant line I have found. F. W. Port, M. D.

Evansville, Ind.—Your acknowledgement of receipt of my order came to hand the 20th; goods received this morning (the 25th). Canna plants in fine shape. D. T. MacClement.

Princeton, Mo.—The plants which I received the 1st of May were n fine condition and are doing nicely. I have shown them to my friends and they have asked me to get them some. Hayes Sisters.

Peoria, Ill. The plants and seeds arrived in splendid condition, with plenty of extras; please accept thanks. Mrs. B. H. Steward.

Palms and Decorative Plants.

COCOS WEDDELIANA.

Cocos Weddeliana.—The most elegant and graceful of all the smaller Palms. Its slender, erect stems are freely furnished with its graceful, arching leaves, made up of innumerable long, narrow pinnæ, or segments, of a rich, green color. The Cocos are admirable for fern dishes, as they are of slow growth and maintain their beauty for a long time. (See cut.)

3-inch pots, 12 inches high, 50c. each; 4-inch pots, 15 inches high, $1.00 each.

Cycas Revoluta.—(SAGO PALM.) This is probably the most decorative plant grown for lawn and house adornment.

Small plants, 1 leaf, 50c.; 2 leaves, 75c.

Areca Lutescens.—One of the most valuable Palms. Leaves long and pinnate, the divisions very numerous, dark, glossy-green leaves, with golden stems.

Plants 18 inches high, each, 50c.
Plants 2 feet high, $1.50, by express.

PELARGONIUM

Lady Washington Geranium.

Grand old favorites; showiest masses of bloom produced of any soft-wooded plants that we have. This class is well-known to all our readers, but the new varieties are as much in advance of the older kinds as those were over the earliest sorts.

New Regal Pelargonium, Dorothy.

This is one of the ruffled, or fringed varieties, and the finest of this class. Flowers large, rosy salmon, dark maroon blotched on upper petal, richly shaded plum color arouud the throat, petals prettily fringed, giving a light and elegant appearance to the flower; begins to flower early in the season and is covered with bloom to the end. 35c.

Mad. Gustave Henry.—Rosy carmine, with a white center, deep purple blotch, very strong, dwarf and compact grower, early and free bloomer, lasting in bloom until near the end of the season. One of the very best of recent introductious. 25c.

Mrs. Robert Sandiford.—Flowers large size, well doubled, beautifully ruffled and of *glistening snow-white color*. Each, 25c.

Madame Thibaut.—White, richly blotched and marbled with rose, immense trusses of large, fine flowers, with undulated petals. Each, 25c.

THE 4 PELARGONIUMS FOR $1.00.

OTAHEITE, The Dwarf Orange Tree.

A most attractive and interesting plaut ornament for window or conservatory. They will bloom and fruit when the plants are surprisingly small. The flowers are delightfully fragrant. Each, 25c.

PANSY PLANTS.

Grown from seed of our **Prize Medal International Strain.** There are no better Pansies. They should always be sent by express.

Doz., (not prepaid) 60c.; 25 for $1.00; 50 for $1.75; 100 for $3.50.

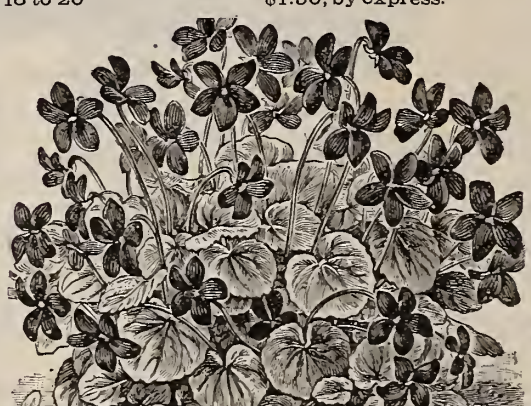
PETUNIA, Finest Double Sorts.

Propagated from cuttiugs, white, pink, crimson and variegated. Each, 10c.; 3 for 25c.; doz., $1.00.

LATANIA BORBONICA.

Latania Borbonica.—Of easy culture and rapid growth. Large, broad, fan-shaped, glossy, dark green leaves.

10 inches high, each, 25c.
12 to 15 " " " 50c.
18 to 20 " " " $1.50, by express.



THE CALIFORNIA VIOLET.

Plant vigorous and absolutely free from disease. Flowers single, immense in size, covering a silver dollar; color violet purple, does not fade, fragrance intense, flowers borne on strong stems 10 to 12 inches in length. Last season several hundred flowers were picked from a single plant.

Each, 20c.; 3 for 50c.

SWEET VIOLET, Double Russian.—Hardy and very productive. Flowers are of a very deep shade of blue and one or two petals in each are dotted with red; very fragraut.

Each, 15c.; 3 for 40c.

Lady Hume Campbell.—A grand variety for house culture. Planted in the garden, it is hardy if slightly protected. Perfectly double flowers, sky-blue and of unexcelled fragrance. Each, 10c.

Swanley White.—Large flowers. **Marie Louise,** large, double blue. **Single Blue,** very hardy, fine. 10c.

SPECIAL VIOLET COLLECTION.—1 plant each of above 6 kinds for 60c.

PANSY BED.

KENTIA PALM.

Kentia Belmoreana.—All the Kentias are free from disease. Beautifully curved and reflexed leaves, deep green foliage, strong grower.

4-inch pots, 12 inches high, each, 75c.
5-inch pots, 2 feet high, $2.00, by express.

Kentia Fosteriana.—Similar to preceding but taller and more robust.

4-inch pots, 12 inch high, each, 50c.
5-inch pots, 2 ft. high, $2.00, by express.

Livistonia Rotundifolia.—A new and beautiful fanshaped Palm of dwarf and bushy habit. The best plant for a jardiniere. Clean, neat, healthy foliage. Plants, 10 inches high, each, $1.50; larger size, 15 in. high, $3.00, by express.

Phoenix Reclinata.—A graceful and exceedingly ornamental Palm. Each, 20c.; 18 to 20 inches high, each, $1.50, by express.

Pandanus Veitchi.—Same habit and growth as Pandanus Utilis, except leaves are beautifully striped white and green. Each, 50c. and $1.00.

Pandanus Utilis.—(SCREW PALM). A most valuable decorative plant from the East Indies; also one of our most useful ornamental plants both for in and out-door culture. Each, 25c.; large plants, 15 inches high, each, $1.00.

Phrynium Variegatum.—The foliage is beautifully marked, creamy white on a dark green ground, and these markings change and blend into various shades. It is of easy culture and makes a beautiful contrast among other decorative plants. Each, 25c.

Swainsonia Galegifolia Alba.

A most wonderful plant, producing spikes of white flowers resembling Sweet Pea trusses, from 4 to 6 inches long, in the greatest abundance the entire year. It is a free climber and a very decorative window plaut; succeeds with the easiest culture—as easily grown as a Geranium or Heliotrope. Each, 15c.; 3 for 30c.

Strobilanthes Dyerianus.—It surpasses the finest Coleus or Begonia. The surface of the leaf is furnished with a bluish and metallic hue, shading into rose, with a light green margin.

Each, 15c.; 3 for 30c.

PARIS DAISY. (Marguerite.)

Queen of the Belgians.—A most beautiful plaut, always in bloom; flowers a splendid golden yellow. Each, 10c.

Paris Daisy.—(MARGUERITE.) 10c.

Tree Roses.—Beautiful trees, with a stem 5 to 6 feet high, making choice ornaments for the gardeu. North, it is necessary to protect the stem aud head over winter. We send a neat painted stake with every plant. They are too large for mailing. Best varieties named, each, $1.50; doz., $15.00.

English Sweetbriar Rose.—A fine old favorite; desirable for shrubberies and general planting; the flowers are bright and single; the fragrance of the flowers, leaves and young branches in the early spring frequently perfumes a whole neighborhood.

Large plants, each, 25c.

ROSE GROWING AT WESTERN SPRINGS

Is solely for the production of young plants. We do not grow cut flowers. The best, healthy wood is used for propagation and not exhausted in bearing flowers. Our heavy soil is exactly adapted for rose growing, besides it holds the roots in fresh and natural condition for shipping. Our plants carry safely to southern California, Oregon or Maine.

With Special Fast Mail Service in every direction from Chicago, our Mail and Express packages of all greenhouse plants are much more satisfactorily handled THAN FROM CITIES LESS CENTRALLY LOCATED. We guarantee arrival in satisfactory condition of all our greenhouse shipments.

Roses by Mail.—Unpack immediately. Do not expose roots, but place at once in a shallow dish of tepid water. Towards evening carefully plant in good, mellow soil, *thoroughly firming* the moist earth around the roots. Shade from the mid day sun just after planting.

Roses by Express.—Are usually packed with all or part of the earth adhering to each plant; they *invariably arrive in good order.* If the balls of earth are dry, hold carefully in a pail of water for a moment, then plant, firming the soil thoroughly around the balls. Shade is not necessary.

☞ *Sixteen Diplomas received by our Greenhouse Department at the World's Fair.*

LA FRANCE SET.

The delightful La France fragrance, by which every one of these four splendid roses may be known, is appreciated by everyone who grows or wears a rose. The La France type is the nearest to perfection of all roses and you will be delighted with this lovely rose in four colors.

Striped La France.—(*Madame Vredenburg.*) Creamy pink, with a silvery gloss, growing deeper at base of petals, streaked with delicate carmine, elegantly shaped; *La France* bud, has the true and same beautiful full-blown flower, and even stronger growth. Free bloomer; each shoot produces a bud.

White La France.—(*Augustine Guinnoisseau.*) A beauty, indeed, identical with *La France*, except the color. It is pearly white, sometimes tinted with fawn.

Pink La France.—Undoubtedly the most perfect type of a cut-flower rose. No variety surpasses it in delicate coloring—silvery rose, shaded pink, with a satiny sheen over all its petals. Flower large, with the well-known distinct, pervading fragrance.

Red La France.-(*Duchess of Albany.*) The flowers are darker than *La France.* of a deeper pink, very large and full; perfumed and of best quality in every respect,

Each, 15c., or La France Set of 4 for 50c.

2 year old plants, each, 30c., or the set of 4 for $1.00; by express, only.

STANDARD COLLECTION OF EVER-BLOOMING ROSES.—One each of 11 sorts for 80c., postpaid.

Princess Bonnie (Hybrid Tea.)

The color of the outside petals is as brilliant as a "Jack," while the inuer ide of the center ones is streaked with white, which at their base becomes nore general. For continuity of bloom and vigorous, healthy growth, whether lanted indoors or in open ground, it even surpasses a Geranium. Has a deliate refined scent, which would entitle it to a place among the Roses of distinction. Each, 15c.; 3 for 40c.

Champion of the World.—A remarkable new sort which combines the most desirable ualities. It has stood the severe winters of Vermont in the open ground without the slightest rotection. It is a *perpetual bloomer* summer aud winter. The flowers, which are produced in the reatest profusion, are perfectly double and of perfect shape. They are of a deep, rosy pink nd delightfully fragrant. Fiue plants, each, 15c.; 3 for 40c.

Marion Dingee.—An elegant Rose, very large and double; it is deep, brilliant crimson, one of he darkest, if not the very darkest, Tea Rose in existence. 15c.

Madame Hoste.—This is unquestionably the Rose par excellence, the bud being long and ointed; lovely creamy white. Strong, sturdy grower and a good bloomer.

Grace Darling.—Strong, vigorous grower; color, a porcelain rose, elegantly shaded with inous crimsom; a decided color, but never quite obscuring the ground of beautiful yellow upon hich it rests. Very sweet.

Hermosa.—A very beautiful Rose and always in bloom. The flower is cupped, finely rmed aud full; color, a pleasing shade of pink.

Marie Guillot.—Perfection in form; flowers large and double to center; holds first rauk among White Tea Roses in purity of color and depth of petals. Best Tea Rose for outdoor bedding.

Etoile de Lyon.—Flower very large and double and deliciously fragrant; color, chrome ellow, deepening in center to pure golden yellow.

Sappho.—Buds fawn color, tinted rose; center deep, bright yellow; large, full, globular.

rice, each, 10c., except noted. One each of above 11 sorts, 80c., by mail, postpaid.

year old plants of any of above, each, 30c.; set of 11, $2.75, by express.

Perle des Jardins.—Unquestionably the finest yellow Rose for either summer or winter flowering. The flowers are very large and double, of perfect form. Color, a rich shade of yellow; a healthy, free grower, with beautiful foliage and a great profusion of bloom. No collectiou complete without it.

Triumph de Pernet.—Possessed of the form and fragrance of General Jacqueminot and the free, ever-blooming habit of La France, it is *the best red hybrid tea* for general plauting yet offered.

PRINCESS BONNIE.

CLIMBING TEA AND NOISETTE ROSES.

Marechal Neil.-(*Noisette.*) A Rose so famous as to hardly need a description here. The most beautiful large, golden yellow rown; very full and double and exceedingly fragrant. t is a natural climber, and should not be pruned too hort. We keep several sizes; the larger sizes give the nost satisfactory results. First size plants, 10c.; 3 for 5c.; extra size, 25c., postpaid. Grafted plants, by express, at buyer's expense, large size, 35c.; extra size, 75c.; -year plants, 8 to 12 feet long, each, $2.00.

Solfaterre.—A rich shade of lemon yellow. 10c.

Climbing Niphetos.—It can be trained to walls, rafters, etc., makes long, pointed buds; color, snowy white. 15c.

Wm. Allen Richardson.—Immensely popular on Pacific Coast and wherever known. 10c.

Lamarque.—Large, full flowers, borne in large clusters; pure white and double. A most beautiful Rose.

Climbing Perle.—A vigorous climber, with beautiful, large, golden-yellow flowers. 15c.

Reine Marie Henrietta.-Flower large, full, of fine form, sweet scented; color, a pure cherry red. 15c.

each of these 7 Climbing Roses, 70c., postpaid; 2-yr. plants, ea. 35c., by express.

Our Rose Bed Collection.

The Greatest Bedding Roses in Cultivation.

They bloom continuously through the entire Summer

Careful trials put it beyond the least question of doubt that these famous roses stand at the top of the list as the best Bedding Roses. The most admired ornamentation on our grounds the past season, was a bed of these Roses. The large handsome flowers were produced in such amazing numbers, as to make the bed a solid sheet of bloom. Plant a bed of these Roses and you will never have cause to regret it.

NEW YELLOW SOUPERT **"MOSELLA."**

This lovely new addition to the Soupert family we imported from Germany last season. It has the genuine dwarf growing, free flowering Soupert habit; produces beautiful clusters of very double, ball-shaped flowers which open like a Camellia. The buds are also very pretty. The color is a white tint on beautiful light yellow ground. A great addition to our Summer Bedding Roses.
Each, 15c.; 3 for 40c.; 6 for 75c.

Clothilde Soupert.

This now famous pot and Bedding Rose (*Polyantha Tea*) we imported and introduced in America in 1889. It is a cross of the free-blooming Polyantha Rose and a large flowered tea, thus giving it with all the free-blooming qualities of the former the strongest growth of the Tea class. Its charming coloring, shading from pearly white to purest rose, double blossoms, delightful fragrance, wonderful vigor and freedom of bloom combine to make it a most beautiful Rose. We take pride in sending out only selected, strong plants which will be a credit to us as original introducers of this great novelty.
Each, 10c.; 3 for 25c ; 6 for 50c.

"PINK SOUPERT."—We find this bright, new Rose, a very free flowering variety, much resembling Hermosa, but more double and flowering more freely; it shows the Polyantha blood in the full cluster of bloom, and it makes a handsome contrast, bedded or grown with the C. Soupert. The habit of the plant is almost identical with the C. Soupert, a rapid grower and quick to bloom.
Each, 15c.; 4 for 50c., postpaid.

METEOR.—A rich, dark, velvety crimson, ever-blooming rose, the flowers are of good size, very double and perfect in shape. **Each, 10c.**

Mme. Joseph Schwartz.—Large, globular flowers, very full and deliciously sweet; pure white, delicately tinged and shaded with yellow. **Each, 10c.**

THE BRIDE.—This is decidedly the most beautiful white Tea Rose and more of it is grown for cut flowers than all other white roses combined. The flowers are very large and double, on long, stiff stems, of fine texture and substance and last a long time in a fresh state after being cut, making it one of the best varieties for corsage wear or bouquets. During extremely hot weather it becomes a pinkish white, at other times a beautiful pure white. **Each, 10c.**

MARIE GUILLOT.—Perfection in form; flowers large and double to the center. This holds first rank among white Tea Roses in purity of color and depth of petals. Best Tea Rose for out-door bedding. **Each, 10c.**

Safrano.—Bright apricot yellow; best known Tea bud; good bedder. Each, 10c.

Our Rose Bed Collection of 8 Choice Roses for 60 Cents, Postpaid.

Or 6 Collections for $3.00.

Large 2-year-old plants, by express, each, 25c.; the 8 for $1.75.

LORD PENZANCE NEW SWEET BRIAR ROSES.

DELIGHTFUL FRAGRANCE, BEAUTIFUL FLOWERS.

The foliage of every one is as sweetly scented as the common Sweet Briar; added to this, the flowers, which are borne very profusely, are varied in color from pale yellow to crimson. The plants are absolutely hardy. They have grown to a height of 12 feet in the third year. Such flower stalks, covered with flowers of exquisite tints produce a gorgeous effect not easily forgotten. The blooms are partly single, and partly semi-double, very light and graceful in appearance. After the flowers are gone they are followed by bright scarlet seed pods or hips.

Price of any of the following, each, 30c.; the 4 for $1.00, postpaid.

ANNA GIERSTEIN.—Of rich, dark crimson color, large foliage, a good grower with graceful branching habit.

BRENDA.—A maiden's blush or peach color. The bright golden anthers in center of flowers are much admired.

FLORA McIVOR.—Pure white, blushed with rose, large blooms for cut flowers, sprays of foliage pass up between flowers.

LORD PENZANCE.—Light yellow, changing to emerald yellow, sometimes with rose tint. Good grower and bloomer.

Strong 1-year-old plants of above, each, 50c.; the 4 for $1.75.

Bargain Collection of 5 Beautiful Roses for 50c., Postpaid.

SUNSET.—One of the richest colored Roses in the Tea section; a rich, golden amber or old gold, elegantly tinged and shaded with ruddy copper; flowers and buds are extra large. Deliciously fragrant. A strong grower and a very free bloomer; fine for open ground and pot culture. **Each, 15c.**

AMERICAN PERFECTION.—The color is several shades darker than C. Mermet, a beautiful deep pink. We class it among our best Roses for outdoor planting and summer blooming. **Each, 10c.**

MADAME HOSTE.—The bud is long and pointed; lovely, creamy white; a strong, sturdy grower and a good bloomer. **Each, 10c.**

BELLE SIEBRECHT.—Hybrid Tea; a solid, rich pink, large, long bud, borne on long stems with splendid foliage. It is a grand free bloomer and the flowers are very lasting. **Each, 15c.**

AMERICAN BEAUTY.—Flowers of delightful fragrance, very large, of beautiful form and very double; color a deep, rich rose. **Each, 20c.**

Strong 2-year-old plants of the above 5 sorts, each, 30c.; or $1.25 for the 5, by express.

LORD PENZANCE SWEET BRIAR.

New and Desirable Roses.

SOUV. PRESIDENT CARNOT.

KAISERIN AUGUSTA VICTORIA.—Too much praise cannot be given to this superb Rose. Color, soft pearly white, fragrant, a strong healthy grower, with bold, beautiful foliage. The habit is free, the perfectly-shaped flowers are borne in profusion on long, graceful stems, rendering it valuable for cut flowers; so free that in our grounds every shoot is invariably crowned with a magnificent flower. Much the finest variety of the class and succeeds splendidly out of doors.
Each, 15c.; 2-year-old plants, each, 40c., by express.

Mad. Pernet Ducher.—A robust, vigorous grower and profuse bloomer. A well-formed bud, quite long and of distinct shape and form; color light canary yellow. The fragrance of the flower is delightful; the first yellow Hybrid Tea. Each, 15c.

SOUV. DE WOTTON.—A remarkably brilliant and striking ever-blooming Rose. Bright magenta red, passing at base to fine violet crimson, flowers are large, full and very sweet. Each, 10c.

MAD. CAROLINE TESTOUT.—Both flowers and buds are extra large and of very elegant form; the color is brilliant satiny rose, deepening at center. The petals are large and of elegant *La France* form, exquisitely edged and bordered with clear silvery rose. Each, 15c.; 3 for 40c. 2-year-old plants, each, 40c.

MRS. PIERPONT MORGAN.—A very large double Tea Rose, 4½ inches across. Color a bright rose pink, deeper on the outer edges of the petals, like the famous Mad. Cusin, of which it is a sport. This is one of the leading favorites of the day among the largest growers of Roses for cut flowers. It has made a most satisfactory record the past year; if you are looking for a good new Rose this is one you should take. Each, 15c.

BRIDESMAID.—A delightful new Tea Rose, a sport from the old and popular pink tea, Catherine Mermet, but of a fine, clear, dark pink, much deeper and more constant in color than Mermet. It is now very generally used by the mammoth cut-flower establishments as a substitute for Mermet.

Senator McNaughton.—Sport of the favorite *Perle des Jardins*, and identical with it in every way, excepting in color, which is almost pure white, with faint creamy tint, and in the fact that it is a more vigorous grower and always produces perfect plants. This White Perle is in every way desirable for forcing under glass and for outdoor planting. We were awarded a bronze medal for this new Rose at the World's Columbian Exposition.

SOUV. DE LA MALMAISON.—BOURBON.—A noble Rose; flower is extremely large and double; color, flesh white, clear and fresh. Has been considered the finest Bourbon Rose for many years. Its great beauty in the Fall makes it the finest of all Roses at that season.

PIERRE GUILLOT.—One of the most valuable of all Hybrid Teas, and remarkable for its very brilliant color, bright, dazzling crimson, passing to vivid carmine red. Flowers large, very double and full; highly scented; a profuse bloomer and moderately hardy.

J. B. VARRONNE.—A fine grower; flower large and very double, with high center opening from long buds; color soft China rose, changing to bright, deep carmine of even shading. An extra good Rose.

PRICE: By mail, each, 10c., except where noted.
Large, 2-year-old plants, by express, (at buyer's expense) each, 25c.; per doz., $2.50, except where noted.

Duluth, Minn.—I received the Roses in a beautiful condition. And I wish to thank you for your liberality. I am very much pleased with them.
Mrs. S. M. Johnson.

Mlle. Helena Gambier.

This is a decided advance towards a true yellow Hybrid Tea. The color at first is a salmon rose, varying to apricot yellow at base of petals, changing to rosy flesh with deeper center in the open flowers. The plant is a robust, bushy grower with erect stems and beautifully bronzy green foliage, a prolific bloomer. Flowers large, very double with full high center.
Price, each, 20c., 3 for 50c.

Souv. President Carnot.

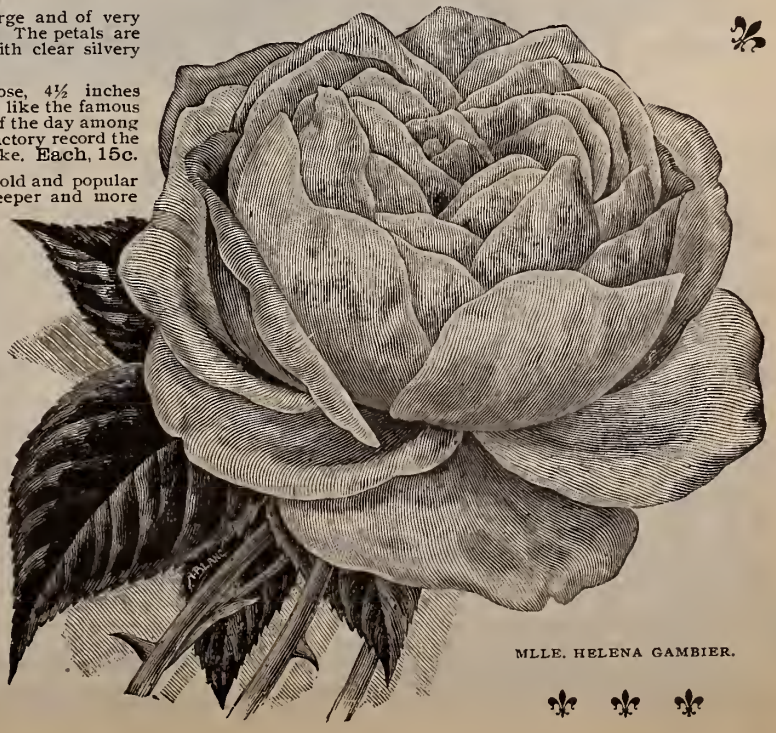
A charming new French Rose; one of the most promising new Roses we have had the pleasure of offering in years, and we predict for it a grand future with the cut-flower growers. A strong, clean, healthy grower with handsome, bronzy green foliage and large, elegantly shaped buds. The flower is of large size, of exquisite shape, with heavy, thick, shell-like petals; buds long and pointed, similar to Niphetos, but very much larger, and all borne on long, stiff, erect stems. Color delicate rosy flesh, shaded a trifle deeper at the center. A very profuse bloomer.
Each, 20c., 3 for 50c. 2-year-old plants, each, 40c.

CAROLINE MARNIESSE.—A hardy Rose that is **always** in bloom. As a bedding Rose this variety has no superior. It is literally a continuous bloomer, being constantly covered with flowers the entire summer. The blossoms are of medium size, full and double and borne in very pretty clusters. Color pure white, slightly tinged with pink, with delightful tea fragrance. The bush is low, growing 18 to 24 inches high and especially adapted for a border or cemetery planting. It is **entirely hardy,** having withstood unprotected a temperature of eighteen degrees below zero, without the least injury.
Each, 20c.; 3 tor 50c.; 2-year-old plants, each, 40c., by express.

MAMAN COCHET. **A Beautiful New Tea Rose.** One of the very best and most valuable Roses of recent introduction, especially for out-door blooming; the finest pink garden Rose yet introduced. It is of the *Mermet or Bridesmaid* type, makes an enormous growth, with rich, healthy foliage, and is said to be entirely hardy without protection. The flowers, which are of great size, are produced on long, stout stems are very double, extra large, and full. Both buds and half expanded flowers are simply exquisite in graceful form and beautiful coloring, which is bright rose with shading of yellow in the center. It possesses the true tea fragrance and the flowers are very freely produced. Price, each, 10c.; 6 for 50c.

AMERICAN BEAUTY. **The Largest, Sweetest and Best of all Hardy Roses.**

This is perhaps the grandest and most beautiful Rose now known. It is a genuine hardy, ever-blooming Rose. For immensity in size, rich color, exquisite form and delicious fragrance it stands without an equal. It is a quick and bushy grower and a continuous bloomer; makes magnificent buds and large, deep, double flowers, and is valuable both for house and garden culture. Color is a rich rosy crimson, shaded and veined in the most charming fashion; fragrance is wonderfully sweet, not surpassed by any Rose we know. Fine young plants, stocky, strong and sturdy, absolutely true to name, both one and two-year-old plants. Price, each, 20c.; strong two-year-old plants, each, 40c., by express.



MLLE. HELENA GAMBIER.

General Collection of Ever-Blooming Roses.

For the Convenience of Our Customers, we have subdivided the Collection into Four Leading Groups of Shades of Color.

SHADES OF YELLOW AND BUFF.

Mad. Margottin.—Flowers bright citron yellow copper center. Buds large and full; strong grower and free Summer bloomer.

Francisca Krueger.—One of the best for open ground culture; especially adapted for beds or masses; the flowers are shaded coppery yellow.

Primrose Dame.—Produces medium sized flowers in the greatest abundance; color pale yellow, with center of rosy apricot.

Mad. Honore Defresne.—Extra large flowers, full and double; color deep golden yellow, with light coppery reflections. Very fragrant.

Souv. de Lady Ashburton.—Fine shade of rich, coppery red, delicately suffused with pale orange yellow; reverse of petals fine, rosy fawn color.

SHADES OF WHITE.

Golden Gate.—Long, pointed buds, of creamy white, beautifully tinted with soft yellow at the base of the broad petals, which are exquisitely bordered with clear rose.

White Bon Silene.—Exact counterpart of that charming old variety, *Bon Silene*, except in color, which is pure, creamy white.

Marie Lambert.—A strong, vigorous grower, with small, pure white flowers; has been called *White Hermosa;* blooms all summer.

Niphetos.—An elegant Tea Rose, very large and double, deliciously sweet; color pure white, highly valued for its very large and pointed buds.

Mme. Joseph Schwartz.—Large, globular flowers, very full and deliciously sweet; pure white, delicately tinged and shaded with yellow.

Madame Bravy.—Creamy white; large, full, very symmetrical.

The Queen.—A pure white Rose; of elegant shape and very large size. A vigorous, healthy grower, and continuous bloomer.

Ever-Blooming Rose Collection No. 2.

20 CHOICE ROSES,

VERY FINE PLANTS.
BEST SORTS.
Our Selection.

FOR $1.00,

POSTPAID.

SHADES OF PINK AND VARIEGATED.

Mme. Pierre Guillot.—Flowers large and of nice shape; color orange yellow, bordered and lined with rosy carmine; reverse of petals yellowish white.

Mad. de Watteville.—A beautiful fancy colored rose. Color white, shaded with salmon, outer petals feathered with bright rose; large and fragrant.

Souv. d'un Ami.—Fine delicate rose, shaded with salmon; very large, full and double; this should be in every collection.

Souv. de Clairvaux.—(*Tea*) China rose color; base of petals coppery.

Luciole.—Very bright carmine rose, tinted and shaded with saffron yellow, the base of the petals being coppery yellow.

Maurice Rouvier.—The color is bright pinkish rose, elegantly tinted with shades of buff, and prettily veined with deep, shining crimson.

Catherine Mermet.—Clear, shining pink; one of the finest varieties; strong, healthy grower and good bloomer.

SHADES OF RED.

Agrippina.—China. Velvety crimson; beautiful bud; unsurpassed for bedding.

Progress.—Brilliant carmine red, flowers large and full. When planted in the garden gives an abundance of bloom through the summer.

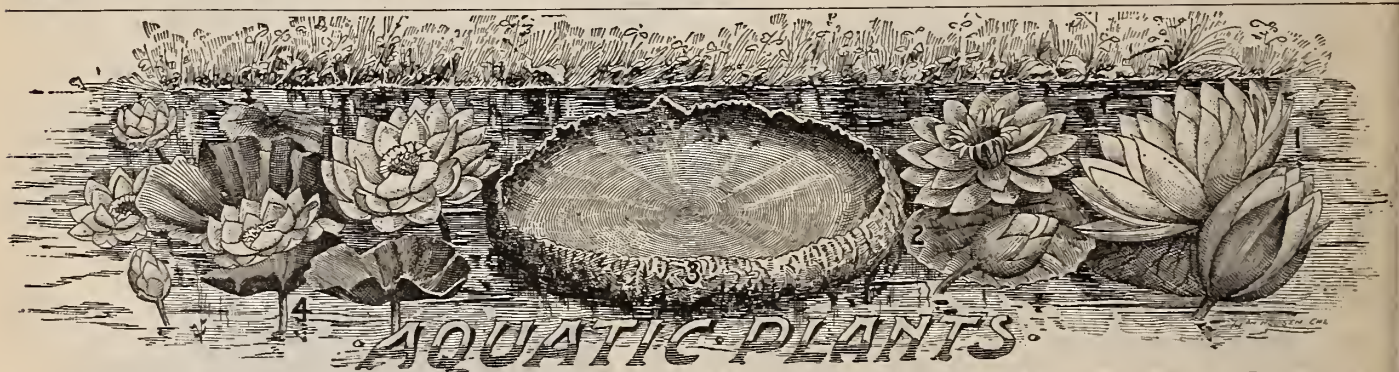
Princess de Sagan.—Very strong, vigorous grower, producing flowers of the brightest scarlet crimson.

Madame Cusin.—Rosy carmine, base of the petals and center of the flowers almost white; very distinct and of robust habit; charming.

Mount Vernon, N. Y.—Last Spring I became the happy possessor of your Rose collection, which has been a great source of pleasure to me during the summer. J. L. Smith.

Nahcotta, Wash.—The Roses which came by express were received in fine condition and gave us hundreds of the loveliest Roses we ever saw. Mrs. L. A. Loomis.

☞PRICE:—By mail, each, 10c., any 7 for 50c., any 16 for $1.00. Large, 2-year-old plants, by express, each, 25c.; doz., $2.50.☜



No. 4, ZANZIBARENSIS. No. 3, GIANT WATER LILY. No. 2, N. ODORATA ROSEA. No. 1, NYMPHÆA DEVONIENSIS.

WATER LILIES.

AQUATIC PLANTS are now more popular than ever before; grand displays of them have been made in the parks of the larger cities and many private places have now their water gardens. No class of plants can give more pleasure and none requires less care Those who have shallow ponds can grow these plants at trifling expense, or an artificial pond may be made by removing the so to the depth of two feet and covering the sides with cement. Most aquatics also thrive well in tubs, which may be made by sawing barrel in two, covering the bottom with soil, over which a layer of sand is placed to keep the water clear; sink in the ground to the dept of three or four feet. By covering the tank or tub with boards and straw in Winter, most tender aquatics can be kept safely. Plant i two feet of water and in full sunlight.

Collection No. 1, for Tub or Aquarium.

One plant each of the following 5 Water Plants, for 60c., postpaid.

Water Hyacinth.—Orchid-like flowers 2½ in. wide. in diameter. Delicate lilac color, shaded rose. Each, 15c.

Water Poppy.—Small, oval leaves and showy flowers of bright lemon color. Each, 15c.

Parrot's Feather.—An aquatic hanging plant. Its long trailing stems are clothed with whorls of the most exquisite foliage, as finely cut as the leaves of the Cypress vine. Each, 15c.

Water Lettuce.—An odd little floating plant. Leaves form a rosette 5 to 6 inches across. Each, 15c.

Cyperus Alternifolius.—(*Umbrella Plant.*) An excellent plant for growing in water and always presents a green and attractive appearance. Each, 15c.

Collection No. 2, for Tank or Pond.

Price of the Entire Collection of 12 Best Lilies for $5.00, Prepaid.

Egyptian Lotus.—(Hardy.) Large flowers of a deep rose color, fragrant. Each, $1.00.

American Lotus.—(Hardy.) Large fragrant flowers, of a rich sulphur yellow. Each, 75

Nymphæa Marliacea Chromatella.—(Hardy.) Flowers 8 inches across, of ligl creamy yellow. Each, 50c.

Nymphæa Odorata Rosea.—(Hardy.) A beautiful bright pink. Each, 50c.

N. Zanzibarensis Azurea.—(Tender.) Flowers a beautiful, deep, rich blue. Each, 50

N. Zanzibarensis Rosea.—(Tender.) Flowers a beautiful, deep rose; fine. Each, 75

N. Dentata.—Flowers, pearly white, fragrant; most desirable, tender Nymphæa. Each, 50

N. Devoniensis.—The finest of all tender night-blooming Nymphæas. Flowers, 10 to inches and of a brilliant rosy red. Extra choice. Each, 50c.

N. Odorata Sulphurea.—(Hardy.) Large, yellow, fragrant flowers. Each, 50c.

N. Odorata.—The well known fragrant pond-lily. Pure white flowers. Each, 20c.

N. Odorata Minor.—Hardy and fragrant as Odorata; flowers, white, small. Each, 20c.

N. Odorata Gigantea.—(Hardy.) A superb variety and should be in every collectio Very large, pure white flowers. Each, 20c.

NEW HYBRID PERPETUAL, MARGARET DICKSON.

NEW HYBRID PERPETUAL, MARGARET DICKSON.

Undoubtedly the finest white hybrid perpetual yet introduced. Some idea of its beauty and worth can be formed from the fact that wherever it has been exhibited in Great Britain it has carried off the first honors, receiving in one year the Gold Medal of the National Rose Society of England and six first-class certificates. The flowers are of the purest white, of extra large size and of immense substance. It is a strong, vigorous grower with fine large foliage. Extra strong 2-year-old plants, 50c. each; good young plants, 25c.

Marie Bauman.—Bright carmine, flower very large and of exquisite form; free bloomer. In every way one of the finest Roses grown.

Mabel Morrison.—Petals thick and of a very soft, smooth texture; shell-shaped; very double and rounded in form; of the purest white.

Marshal P. Wilder.—A Rose of unusual excellence. Flowers are large, semi-globular, full and of good substance. Color a bright scarlet crimson richly shaded with maroon, very fragrant and a free bloomer.

Persian Yellow.—The Hardy Yellow Rose of our mothers' gardens. Perfectly hardy, flowers double and full, golden yellow color.

Paul Neyron.—Deep shining pink. Flowers often five inches in diameter, and the buds always develop fine, perfect Roses. It is a good, strong grower; almost thornless stems which often attain 6 to 7 ft. in one season.

Perle des Blanches.—A finely formed, pure white Rose. Beautiful shell-shaped petals, evenly arranged.

Prince Camille de Rohan.—Very dark, rich, velvety crimson, passing to intense maroon, shaded black; large, full flowers, looking at a distance as if really black. One of the darkest Roses; very handsome.

Ulrich Brunner.—A splendid Rose, either for garden or forcing. It is of a rich, glowing crimson-scarlet color; produces flowers of exquisite shape.

Vick's Caprice.—Color soft, satiny pink, distinctly striped and dashed with white and carmine. Buds quite long and pointed.

HARDY HYBRID PERPETUAL ROSES.

Extra Strong 2-year dormant plants, by express, each, 35c.; 6 for $1.75; 12 for $3.00. If by mail, each, 40c.; 3 for $1.00.

Moss Roses.

Extra plants, field grown, dormant, 40c.; 3 for $1.00, postpaid. By express, 30c; 4 for $1.00; doz., $3.00.

Perpetual Moss. (BLANCHE MOREAU.)—The best White Moss Rose. Flowers are produced in clusters and are large, full and sweet. Color is pure white, both flowers and buds have an abundance of dark green moss.

Perpetual White.—Flowers are of medium size and borne in clusters; fragrant. Color pure white.

Glory of Mosses.—Color a rich, glossy pink, tinged crimson; large and globular.

Salet.—Color bright rose, with blush edges. An extra fine cupped sort.

MOSS ROSE COLLECTION, 1 each, 4 kinds, extra size plants, field grown, about 2 feet high, $1.00 by express.

HARDY CLIMBING ROSES.

Extra size plants, field grown, 2-year-old, by express, 35c.; 4 for $1 00; 13 for $3.00.

Baltimore Belle.—Has grown 20 feet in one year. Flowers very double, in clusters of a pale blush color.

Seven Sisters.—Flowers in clusters of seven. Color clear pink, often variegated white and crimson.

Prairie Queen.—Bright red, changing as the flower opens.

ROSA RUGOSA (Japan Rose.)—It forms a sturdy bush 4 to 5 feet high, covered with large, dark green, glossy foliage, crowned with terminal clusters of ten to twenty flowers, three inches in diameter. Excellent for cemeteries. White or red variety, each, 25c.; 5 for $1.00.

Rugosa, Mme. George Bruant.—Flowers are pure white, semi-double and borne in clusters; buds long and pointed, and very fragrant; hardy everywhere. A handsome bush for the lawn. Each, 30c.; 3 for 75c.

Dormant, Hardy Hybrid Perpetual Roses.

THE Hybrid Perpetuals are considered the most valuable of all Roses. They are chiefly distinguished for their vigorous growth and fine large flowers, and for being entirely hardy. They are particularly valuable for permanent beds or borders in the Northern and Middle States. The flowers are large, often measuring five to six inches in diameter, very fragrant, and of all the colors known to the Rose.

American Beauty.—This variety has been rightly described an ever-blooming Hybrid Perpetual. The flowers are very large, of beautiful form and very double; color a deep, rich rose. The fragrance is delightful, resembling La France or the old-fashioned Damask Rose. It is truly an ever-bloomer, each shoot producing a bud.

Anna de Diesbach.—Bright rose color, very large and showy; particularly fine in bud; flower slightly cupped. A vigorous grower; one of the best.

Baroness Rothschild.—The most beautiful of all Roses. Of immense size, perfect form and exquisite color; rich lovely shade of pale pink, delightfully perfumed.

Ball of Snow.—(BOULE DE NEIGE.)—Rose of large size, perfectly double, fragrant, pure white, entirely hardy.

Captain Christy.—Delicate flesh color, deepening in shade toward the center; beautiful foliage, resembling Mahonia leaves; a most lovely sort.

Coquette des Alps.—A large white flower, occasionally shaded with bright pink; constant bloomer, bearing its flowers in clusters; fine flower.

Giant of Battles.—This is still esteemed as the very best rich red Rose. Very large, double, full and sweet.

Gloire Lyonnaise.—This grand Rose is the only yellow Hybrid Perpetual we have. It cannot be called deep yellow, but rather a pale shade of chamois or salmon yellow, deepest at center, sometimes passing to a rich, creamy white, finely tinted orange and fawn. The flowers have all the beauty of Tea Roses, large and full and delightfully sweet.

General Washington.—This splendid Rose is one of the best Hardy Perpetuals for general planting; color bright shining crimson, very rich and beautiful; flowers large and perfectly double; blooms the first season, and almost constantly.

General Jacqueminot.—Rich velvety crimson, changing to scarlet crimson. A magnificent rose; equally beautiful in the bud state or open. This is the best known of all Hybrid Perpetuals, and is without a rival in fragrance and richness of color. It is as easy of cultivation as many of the more common varieties; and perfectly hardy.

John Hopper.—One of the most reliable and satisfactory H. P. Roses; flowers large, regular and full; color brilliant rose, changing to bright glowing pink, shaded with rich crimson; very sweet and remarkably profuse bloomer.

Mme. Gabriel Luizet.—One of the most beautiful of all Roses. It is extra large, with broad, shell-like petals, elegantly formed, very double and full, delightfully suffused with lavender and pearl.

Mme. Plantier.—This is the best everyday Rose we know. Good for anybody or everybody at any place and at any time. The plant grows in a very fine bushy form, and produces its white flowers in great abundance in June; especially desirable rose for cemetery decoration.

Fisher Holmes.—Dark, rich scarlet, shaded with deep, velvety crimson, beautiful, extra large, full flowers; fragrant.

Francoise Levet.—Soft China pink, delicately shaded carmine and blush; large, finely formed flowers, delightfully fragrant.

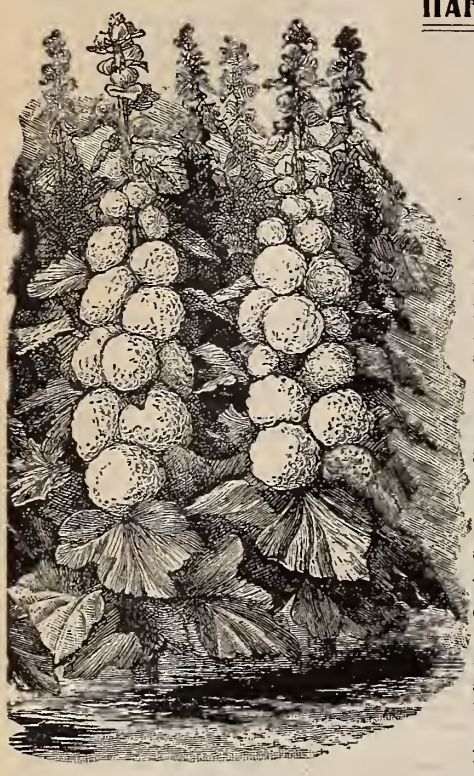
Mrs. John Laing.—This Rose for out-door planting is undoubtedly the finest rose introduced for many years; entirely hardy. Color a beautiful soft pink, with most delicious fragrance; of exquisite shape; very double and of large size; a strong grower. We cannot say too much of its rare beauty.

Magna Charta.—A splendid Rose; extra large, full flowers, very double and sweet; color clear rosy red; beautifully flushed with violet crimson; a sure bloomer; one of the hardiest and best for general planting.

GLORY OF MOSSES (BUDS.)

Old Fashioned Garden Flowers

HARDY PERENNIAL PLANTS.



HOLLYHOCKS.

These handsome, showy plants are at present great favorites. Their unique growth gives them a welcome everywhere. As a background in large borders or beds of the lower growing herbaceous plants there is nothing better. For planting in rows or groups on the lawn or interspersing among shrubs, they are invaluable. Our stock consists of fine, well-grown field plants, ready to bloom this year, raised from the best strain of Chater's seed. Their flowers are large, double, handsome in form as a Camellia and of lively shades of color. Double White, Double Salmon, Double Yellow, Double Crimson, Double Pink.

Price, each, 15c.; 3 for 40c.; doz., $1.25. Large plants, each, 25c.; 3 for 60c.; doz., $2.00, by express.

DIELYTRA SPECTABILIS.

(*Bleeding Heart.*)

Graceful sprays of heart-shaped, pink and white flowers, blooming in May or June. Foliage finely cut and very pretty.

Strong Clumps, each, 25c.; 3 for 60c.; doz., $2.25.

ACHILLEA —(THE PEARL.) The flowers are borne in great profusion and are pure white. Bloom from July until frost. **Each, 15c.; 3 for 35c.**

AZALEA Mollis.—Large, imported plants, ea., 60c., by express.

HONEYSUCKLES, Loniceras.

Sweet-Scented Monthly.—(BELGICA.) This is one of the most satisfactory of Honeysuckles, producing continuously large trusses of very fine, fragrant flowers, red and yellow in color.

Scarlet Trumpet, or Coral.—(SEMPERVIRENS.) Very strong, rapid grower, with beautiful scarlet flowers all Summer.

Chinese Twining.—Blooms at intervals throughout the Summer and retains its foliage late in Winter. Flowers nearly white, quite distinct.

Japan Golden-Leaved.—(AUREA RETICULATA.) A handsome and desirable variety, with variegated foliage and yellowish-white flowers; fragraut.

Fuchsioides.—A splendid new species, with very large flowers, resembling scarlet Fuchsias.

Halleana.—A vigorous grower, flowers yellowish-white, exceedingly fragrant and freely produced.

PRICE: Any of the above for 15c.; the 6 for 75c., postpaid.

FUNKIA Aanceolata Variegata.—Variegated-Leaved Day Lily. **Each, 20c.: 3 for 50c., doz., $1.50.**

HELIANTHUS Multiflorus Plenus.—(SUNFLOWER DAHLIA.) Loaded with yellow flowers, excelleut cut for vases. **Each, 15c.; 4 for 50c.**

HEMEROCALLIS.—(LEMON LILY.) 10c.

HIBISCUS, Crimson Eye.— Each, 15c.

DOUBLE RUDBECKIA Golden Glow.

This is decidedly one of the brightest and most showy among the hardy plants and of the easiest culture possible. The plant is compact, growing 4 to 5 feet high, producing numerous stems which are laden with double, golden-yellow flowers, in size and general appearance resembling a Cactus Dahlia. Excellent for cut flowers, lasting well when cut. Should find a place in every garden.

Each, 15c.; 3 for 40c.

LILACS.

NEW DOUBLE-FLOWERED.

Le Gaulois.—Handsome, double, deep crimson flowers produced in very large panicles. A splendid sort. **Ea , 25c.**

Madame Lemoine.—Double pure white, flowers borne in enormous panicles. **Each, 40c.**

COMMON LILACS.

Each, 15c.; 3 for 40c.; doz., $1.50, postpaid.

Persica Alba.—Slender branches termiuating in large trusses of pure white flowers; scarce.

Rubra de Marley.—The well-known Lilac; used by florists for forcing.

Chas. X.—Magnificent clusters of dark red flowers; 3 aud 4 years old bushes 3 to 4 feet high. **Each, 35c.; express only.**

The Tree Lilac.—SYRINGA JAPONICA.) Makes a straight, stout, well-branched tree, with large and handsome leaves and immense clusters of white blossoms sometimes measuring 16 to 24 inches iu circumference. The most showy of ornamental trees. **Each, 25c.; large plants, by express, 50c.**

Platycodon Grandiflorum.—Immense masses of bell-shaped flowers. **Each, 15c.; 3 for 25c.**

HYDRANGEA PANICULATA GRANDIFLORA.

HYDRANGEA, Paniculata Grandiflora.

Tens of thouands of these noble Summer and Autumn flowering Shrubs have been sold the past few years and the demand is still good. They are absolutely hardy, grow in any soil and bloom the same year they are set out. They flower abundantly, bearing immense panicles of bloom, white at first and turning to rose in Autumn. To make a fine specimen the soil should be as carefully prepared as for any shrub. An annual shortening of branches tends to increase the size of the flowers. **Each, 15c.; doz, $1.25; extra large plants, 25 to 30 inches, by express each, 40c.; 3 for $1.00.**

SNOWBALLS.

Viburnum Plicatum.—(JAPAN SNOWBALL.) Japanese variety of the old-fashioned Snowball and one of the most valuable of hardy shrubs. It forms an erect, compact shrub 6 to 8 feet high; blooms in early June and for a long time is a solid mass of white. **Each, 25c.; large plants, by express, each, 50c.**

Steri'is.—The old-fashioned Snowball. **Each, 15c.; large plants, by express, each, 35c.**

Yucca Filamentosa.—(ADAM'S NEEDLE.) Flowers pure white, drooping, borne upon long stems. A fine plant for the cemetery; hardy and evergreen. **Large plants by express, each, 25c.; 5 for $1.00.**

PÆONIES.

Still the grand old favorite they were fifty years ago. Our stock consists of the newest French and Chinese varieties, with immense double blooms of the most intense yet delicate colors. The flowers are borne in the greatest profusion. For brilliant display of bloom during May and June there is nothing that will equal the Pæonia. Pæonias are an investment that will increase in beauty and value for a lifetime.

Arthemise.—Double, bright satiny pink.

Queen of Whites.—Fine, silky, double white, often six inches across.

Officinalis.—Flowers are like crimson satin, large, double and fragrant; blooms early.

Hericurtianap.—Large, double, salmon tinted pink, a most beautiful flower.

Nivalis.—Immense size, blooms of a beautiful cream.

Henry de May.—Large, double, light red; very fine.

Each, 25c., or the 6 for $1.25, postpaid.

NEW JAPANESE TREE PAEONIES.

These Pæonies attain a height of 4 to 6 feet, and when in bloom present a most gorgeous appearance. Flowers of immense size, very double and in great variety of color. We offer four distinct varieties in the following colors: Bright Rose, Pure White, Bright Red, Delicate Flesh.

Strong two-year-old plants, each, $1.00, or one each of the 4 colors, for $3.50, by express.

PAEONIA TENUIFOLIA FL. PL.

A very early, distinct Pæonia with wonderful, fern-like foliage and handsome double red flowers in color like General Jacqueminot Rose. Each, 40c.; 3 for $1.00.

Iris Kaempferi or Japan Iris.

The flowers are of the largest size and of the most beautiful shades. They are perfectly hardy, and flower in great profusion during June and July. Double White, Double Blue, Double Violet, Double Reddish Blue.

Each, 20c.; 6 for $1.00, postpaid.

Mixed Seedlings from the various varieties. Price, each, 10c.; 3 for 20c.; doz., 75c.

German Iris.—One of the most brilliant and hardy types of Iris. Large flowered, broad leaved; mixed colors.

Each, 10c.; 6 for 40c.; 12 for 75c.

PÆONY ARTHEMISE.

HARDY GRASS PINKS.

Her Majesty.—Flowers are of large size similar to a Carnation, pure white and very fragrant. It is perfectly hardy and makes the finest border Pink.

Each, 15c.; 3 for 40c.

Snow.—Flowers extra large; white. 10c.

Jean Sisley.—Pink, red center. 10c.

Prunus Pissardi. (Purple-leaved Plum.)

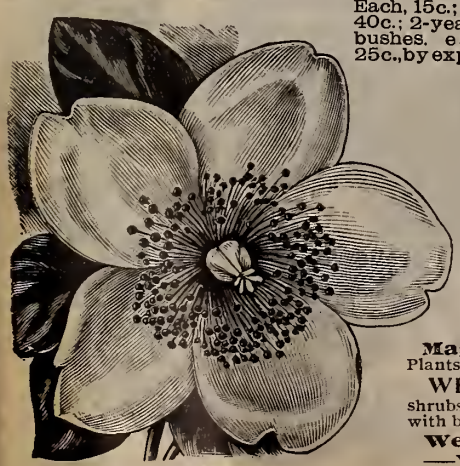
The finest purple-leaved shrub of recent introduction. The young branches are a very dark purple; the leaves when young are lustrous crimson, changing to a dark purple, and retain this beautiful tint till they drop late in autumn. Flowers, single, small, white.

Price, by express, (too large to mail, plants 4-5 feet.) Each, 30c.; 4 for $1.00.

HYPERICUN MOSERIANUM.

A new evergreen shrub, 2½ feet high, which is covered with large flowers from May until Fall. The flowers are 2¼ inches in diameter, resembling in shape those of Rosa Polyantha, but are of the richest pure golden yellow, while the petals are of great substance. See illustration.

Each, 15c.; 3 for 40c.; 2-year-old bushes, each, 25c., by express.



HYPERICUM MOSERIANUM.

ALTHEA.--Rose of Sharon.

Boule de Feu.—Flowers double and a clear red. 15c.

Alba Plena.—Double white. 15c.

Violacea Plena.—Flowers, deep violet, double. 15c.

Althea Set, one each of the above 3, for 40c.

CALYCANTHUS Floridus.—A handsome shrub, flowers brown red with an exquisite pine-apple fragrance; hardy and desirable. Each, 15c.; larger size, 25c.

Hardy Oriental Poppy.

These large flowering Poppies range in color from the purest satiny white and yellow to the brightest scarlet. They bloom in profusion from June until October, making a beautiful show the entire Summer. We offer these in mixed colors only.

Price, each, 15c.; 3 for 40c.

HARDY ORIENTAL POPPY.

RHODODENDRONS.

Cunninghami.—Pure white. Fine, large, imported, grafted plants with bloom buds; by express, each, $1.00.

Catawbiensis.—Rose and purple shades. Large plants only, set with bloom buds, by express, only $1.25; 3 for $3.50.

WISTARIAS.—A family of elegant climbers, grand for walls, which from their vigorous growth, they soon cover. Flowers are borne in long clusters.

Alba.—Flowers white, in drooping racemes. Each, 35c.; large plants, by express, each, 50c.

Magnifica.—Dense clusters of purple lilac flowers. Plants with vines 4 to 5 feet long, by express, each, 50c.

WEIGELIA.—Very handsome summer-flowering shrubs, the long branches loaded at the flowering season with beautiful clusters of trumpet-shaped flowers.

Weigelia Rosea.—Blush white, 15c.

—Variegata.—Leaves margined with creamy white, flowers pale pink. Each, 20c., or one each of the 2 for 30c.

Hardy Climbing Plants.

See also Hardy Climbing Roses.

PORCH COVERED WITH AMPELOPSIS AND OTHER VINES.

Clematis.

The royal purple of this splendid ever-blooming flower may well be said to mark it as a Prince among all hardy flowering vines. We presume every one of our customers who sees it in bloom each summer promises to plant it in his own yard or garden at the next opportunity. It is especially adapted to open lawns or house fronts in the city or country. Perfectly hardy, blooms the entire season, hearing beautiful and lasting flowers.

Plant in a sunny spot in good garden soil dug very deep. We recommend the application of well rotted manure in holes a few inches away from the plant in different directions. The feeding roots reach ont of these holes which may be watered freely, with better success than when manure is applied directly at the base of the plant.

☞ **Extra size plants for immediate effect.** Many of our customers desiring immediate effect, prefer this stock and we import from the best Nurseries in Europe.

Price, unless noted, strong, 2-year-old plants, each, 75c., prepaid Extra strong, 3-year-old plants, each, $1.00, by express.

CLEMATIS JACKMANI.—This variety, with its strong, healthy growth, hardy nature and ***rich, deep velvety purple flowers,*** is the most satisfactory of its class. It blooms with astonishing profusion from July to November on shoots of the present season, and should be pruned early in the spring.

JACKMANI SUPERBA.—A variation of Jackmani, which it closely resembles in habit, hut has broader sepals and deeper violet purple color. Equally hardy.

MADAME BARON VIELLARD.—Called the rose-flowered Jackmani. One of the strongest and most vigorous and free-blooming varieties of Clematis. Flowers from four to five inches in diameter, and of perfect form. Light rose with lilac shadings. Cannot be surpassed.

Henryi.—(BANGHOLM BELLE.)—A strong grower. Flowers always 8 sepaled, four to six inches in diameter and pure white. Very hardy.

Miss Bateman.—Pure white with chocolate anthers, making a striking contrast. This sort commences to bloom as soon as its leaves start in May, on which account it is very valuable.

Gipsy Queen.—A rich, hright, dark velvety purple; a rank grower and a free bloomer, flowering from the ground up. A very attractive and curious variety.

Duchess of Edinburgh.—One of the best double whites; of vigorous habit, very free of bloom and deliciously fragrant.

John Gould Veitch.—A beautiful shade of lavender hlue; close, well-formed, double flowers.

FRAGRANT AND SMALL-FLOWERED CLEMATIS.

Price, each, 20c.; 3 for 50c., postpaid.

Coccinea.—Bell-shaped flowers, bright coral red; blooms from June until frost. A rapid grower, very free hloomer.

Crispa.—Fine deep blue, with a white border, and deliciously fragrant.

Viticella.—A strong grower with pretty foliage and purplish red flowers. Suitable for verandas and trellises.

Flammula. (VIRGIN'S BOWER).—Pure white, blooms in clusters, fragrant.

Clematis Paniculata.—A vine of very rapid growth; quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets, and of a most delicious and penetrating fragrance. The flowers appear in late September, at a season when very few other vines are in bloom. The extreme rapidity of growth, the showy foliage, beautiful and fragrant flowers and entire hardihood, serve to make this one of the very choicest of recent introductions. 3 for 50c.; extra large field grown plants, each, 40c.; 3 for $1.00, postpaid.

SPECIAL OFFER.—***One nice plant, each, Coccinea, Crispa, Flammula, and Viticella, for 60 cents, postpaid.***

Ampelopsis.

AMPELOPSIS VEITCHI.—(BOSTON IVY).—This very attractive clinging vine will be readily recognized hy our readers when we remind them that its glossy ivy leaves overlap each other and its long delicate young shoots stretch up the stone walls of our finest city residences. The tendrils at nearly every joint cling firmly to the smoothest surface of rock or wood. The glossy leaves assume in the autumn the most heautiful tints of scarlet and crimson. The handsomest vine possihle for growth on house walls, especially the foundation and first story, round the doors and windows. It is quite hardy, hut some protection of straw may well be used immediately round the plant in winter. We quote many sizes. 15 inches, 15c.; 2 ft., 25c.; extra, 3 ft., 40c.; 3 for $1.00, prepaid; or not prepaid, 15 inches, 5 for 60c., doz. $1.00; 2 ft. 6 for 90c.; doz., $1.50; extra, 3 ft., 6 for $1.25; doz., $2.25.

AMPELOPSIS QUINQUEFOLIA. (VIRGINIA CREEPER.) Luxuriant in growth with handsome foliage turning to bright crimson in the fall. Very hardy vine for covering old tree trunks, walls or fences. Each, 20c.; 3 for 50c., postpaid. If by express, we send stronger plants.

ARISTOLOCHIA SIPHO. (DUTCHMAN'S PIPE.) — Very hardy, strong growing vine with large, peculiar, heart-shaped leaves. Curious pipe-shaped flowers of yellowish brown. Each, 25c.; large plants, 8 ft. long, $1.00 by express.

AKEBIA QUINATA.—This heautiful hardy climbing vine is shown on the veranda in the illustration on this page. It often grows 15 ft. in a year and produces throughout the season large clusters of fragrant flowers resemhling Forget-me-nots. Best authorities place high rank and value on this comparatively new climber. Each, 30c.; 4 for $1.00, prepaid.

BIGNONIA RADICANS. (TRUMPET CREEPER).—Another good old-fashioned hardy climber. It has clusters of large trumpet shaped, crimson-orange flowers, very much resembling a mammoth Honeysuckle. Will grow in almost any soil and under most trying conditions; very hardy. Each, 20c.; 3 for 50c.; large plants. 40c.; 3 for $1.00.

CLEMATIS JACKMANI.

RASPBERRIES.

Add for Postage 10c. per Dozen, 50c. per 100.

THE LOUDON.—This is truly a large fruited kind; *the largest Red Raspberry we have ever seen.* When boxed for market it outclasses everything in the Red Raspberry line, and sells quicker and for more money. Another good point should be remembered by those about to plant berries—it is *an almost everbearing variety*, continuing to throw up new fruiting branches late in the season.
Each, 15c.; 6 for 75c.; 12 for $1.25.

ROYAL CHURCH.—Very productive, over 150 berries having been counted on a single stem; average ⅞ to 15-16 inches in diameter; 100 berries weigh 11 ounces; has but few seeds, produces no small berries; does not crumble in picking, perfectly hardy wherever it has been tested; it is earlier than Cuthbert, yet continues longer in bearing. It combines the larger size and superior quality of the best foreign varieties. No variety heretofore introduced combines these excellences as completely as this.
Each, 10c.; doz., 75c.; 100, by express, $3.00.

GOLDEN QUEEN.—The best of all Raspberries for eating out of hand. It is a sport of that popular variety, Cuthbert, and might be called Golden Cuthbert. It is of large size, high quality, hardy, productive and of great beauty. Midseason.

OLDER.—Of strong growth, producing canes very much branched, giving more fruiting surface than any other Black Cap. The fruit is of a shiny coal black, without bloom; rich, juicy and has very small seeds.

THE KANSAS.—The best of all Black Caps. Ripens with, or just after, Souhegan; berries large or larger than the Gregg, jet black, firm, handsome and of the best quality; very vigorous growth; exceedingly productive.

Shaffer's Colossal.—Truly colossal, plant and fruit, and ironclad in hardiness; dark red berries of a sprightly, sub-acid flavor. Increase from the tip.

GREGG.—Large Black Cap; heavy bearer.
Price, except noted, each, 10c.; 12 for 50c.; 100 for $1.50.

THE COLUMBIAN.—Of the many promising red berries none of this *valuable and profitable* class, come before the small fruit buyers with brighter promise than this. We have no doubt of the wisdom of investing $10.00 to $50.00 in this berry. The fruit is cone-shaped, of dark red almost purplish color. It adheres firmly to the stem and will dry on the bush if not picked. Seeds small and deeply imbedded in a rich juicy pulp with a distinct flavor of its own, making it a delicious table variety. Fruiting season extends from July 10th to August 15th. It is an excellent shipper and its productive habit is well seen in the fact that 3,511 bushes in 1894 produced an average of 5 quarts each.
Each, 15c.; 6 for 75c.; 12 for $1.25.

ELDORADO BLACKBERRY.

GOOSEBERRIES.

New Gooseberry **Keepsake.**

A few years' trial in this country of the large fruiting English Gooseberries has proven that in many instances they can be grown without any indication of mildew. The Keepsake is a very large, straw-colored variety, of the finest quality and largest size. It is highly spoken of in England, being fit for use in that country April 24th. It is an excellent shipper; its abundant foliage protects the fruit. We offer imported plants. 1-year plants, each, 20c.; doz., $2.00, postpaid; 2-year plants, each, 30c.; 6 for $1.50, by express.

INDUSTRY.—It is one of the heaviest croppers and has never been known to fail a single season. It possesses a peculiar advantage over other kinds by coming into leaf some time before it flowers, consequently the foliage protects the bloom from destructive Spring frosts; the fruit is of largest size, and very sweet, very early and feeest from mildew of any English variety. 1-year plants, doz., $1.20; 4 for 50c.; each, 15c.; 2-year plants, 100 for $14.00; 50 for $7.50; doz., $2.00; 3 for 60c., each, 25c., postpaid.

Gooseberry, RED JACKET. New.

It is the best red Gooseberry in existence; has good foliage; mildew proof; yields well. The berry is as large as Keepsake, smooth, bright red color, and of excellent quality. It is of special value on account of its claim to being mildew proof, which will be an acquisition to people residing in localities where other varieties mildew badly. Each, 20c.; 6 for $1.00, postpaid.

DOWNING.—Largest of our native Gooseberries; pale green; very sweet. 1-year, doz., $1.00; each, 15c.; postpaid; 2-year, per 100, $12.00; doz., $2.00, by express; 3 for 60c.; each, 25c., postpaid.

HOUGHTON.—Well-known, medium size, pale red; very productive. 1-year, per 100, $4.00, by express; doz., $1.00; each, 10c., postpaid.

PEACH, Triumph.—Earliest yellow flesh Peach. Sure and abundant bearer. Fruit good size, yellow with red and crimson cheeks. The best fruit growers have given the strongest testimonials to its value. Each, 20c.; 6 for 75c., postpaid.

WONDERFUL.—Freestone Peach. Rich, golden yellow, overspread with rich carmine; excellent keeper. Each, 15c.; 6 for 50 cents.

Abundance Plum.—This is the Plum for you, if you try but one. Lemon yellow ground, nearly overspread with cherry; flesh yellow, rich and perfumed. Each, 20c.; 3 for 50c.

BLACKBERRIES.

Plant in rows 8x4 feet.

If to go by mail, add 35 cents per 100 for postage.

ELDORADO.—Of largest size and best quality, and having so little core that it cannot be noticed in the eating. It far surpasses any Blackberry on the list to-day. In addition to this it is very hardy and productive, never having been injured in the Northwest.
Each, 15c.; doz., $1.00; 50 for $3.50.

SNYDER.—The old reliable; fruit rich and melting; no core; very hardy. Mr. S. M. Emery, of Minnesota, says: "It is the most valuable Blackberry grown, the only one that will stand this climate." Doz., 60c.; 100, $2.50.

STONE'S HARDY.—Best variety for the North; fruit rich and melting. Doz., 60c.; 100, $2.50.

WINDSOR CHERRY.—Recommended by the highest authorities on Pomology in the country. It originated in the cold climate of Canada and is therefore very hardy. The fruit is very large, of dark liver color, firm, solid and rich; good quality. If ordered by express, will send trees three to four feet high.
Each, 25c.; 5 for $1 00, postpaid.

INDUSTRY GOOSEBERRY.

Yellow Transparent Apple.

The fruit of the Yellow Transparent has a grip upon the tree that only loosens by ripeness. To the cold North this is of great value. An early and good bearer annually; skin pale yellow; juicy, sub-acid; quality good. Season early in August. Each, 10c.; 12 for $1.00, postpaid.

Bismarck Apple.

A dwarf growing, early bearing, German Apple. It has been well tested in the United States and is making a wonderful record for high quality, hardiness and especially earliness of fruiting. Two-year-old trees, seldom fail to produce fruit. Tree is of short and stocky growth and has been largely grown in pots for decorative purposes. Fruit, golden yellow. 1-year-old trees, by mail, each, 30c.; 4 for $1.00; 2-year-old trees, by express, each, 50c.; 6 for $2.50.

BISMARCK APPLE

THE NICK OHMER STRAWBERRY.

❋ Strawberries. ❋

☞Varieties marked (P) have imperfect flowers; they will not produce well unless every fourth or fifth row or plant is a perfect flowering variety, as are all not so marked. Thus planted the (P) sorts are most productive. **Price, except where noted, 1,000, $5.00, by express; 100, $1.00; doz., 25c., postpaid.**

The Nick Ohmer Strawberry.

A Staminate Variety.

Originated by Mr. John F. Beaver, who is conceded to be the most successful amateur fruit grower in Ohio. Named after Mr. N. Ohmer, ex-president of the Ohio State Horticultural Society. "After watching the Nick Ohmer three years, and hearing how it has behaved wherever I sent it for trial, never having received one unfavorable report on it, I am confident that it is one of the most desirable, if not the very best ever sent out. There is no other in the market, or in sight, that I would plant with as much confidence. If restricted to a single variety it would be my first choice without a moment's hesitation. The plant is very large and stocky, sending out plenty of very strong runners. It is probably not surpassed in healthy, vigorous growth and great productiveness by any variety. It has a perfect blossom. The fruit is of the very largest size, a giant among Strawberries. It is never misshapen. Its only departure from the regular, roundish conical form is when, under high culture, it is somewhat triangular. It is dark glossy red, firm and of excellent flavor." **Price, $2.00 per dozen; $10.00 per 100, postpaid.**

THE TIMBRELL. (P.)—There is no berry in existence today that includes the same combination of merits attained in Timbrell. There are not six berries that combine the good qualities possessed by Timbrell alone. The berries are large, handsome, of symmetrical form, dark rich crimson color, which runs through the flesh; in quality it is *superior to any sort ever placed on the market.* It ripens late, producing five times the amount of fruit, *surpassing all in flavor, size, and market qualities.* Editor Carman, of the "Rural New Yorker" after a trial of more than seventy kinds, says: "*Were I confined to but one variety, I would choose the Timbrell.*

6 for 25c.; doz., 40c.; 50 for 90c.; 100 for $1.50, postpaid; 1,000, by express, $7.00.

GREENVILLE. (P.)—Berries of large size, good quality, medium texture, very productive; season medium to late; color very even and fine. Flower pistillate, plants vigorous and hardy.

Gandy.—The best late variety in cultivation. Berries large, of fine form and excellent quality, flesh firm; a good shipper.

BISMARK.—The plant resembles Bubach in general appearance but is more robust and stocky, with the same ironclad foliage, and is even more productive. The berries are very large, obtuse conical, seldom or never cockscombed, bright scarlet, firm and solid and of excellent quality. It colors all over, with no green tip, and ships well

Price, Dozen, 40c.; 100 for $1.75; 1,000 for $10.00.

Jessie.—One of the most perfect berries grown; large, prolific, and free from rust.

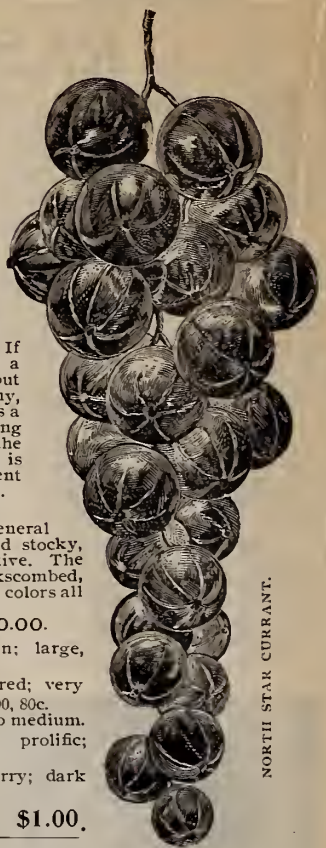
Haverland. (P.)—Long, conical berry, bright red; very productive; good quality, moderately firm. Doz., 25c.; 100, 80c.

Wilson's Albany.—Well known sort; early to medium.

Bubach's No. 5. (P.)—Fruit large; very prolific; popular in the Chicago market.

Warfield's No. 2. (P.)—A great market berry; dark crimson, fine flavor, very firm.

A STRAWBERRY COLLECTION,—100 in the Four Good Sorts, Our Choice, Prepaid, $1.00.



NORTH STAR CURRANT.

NIAGARA GRAPE.

KOONCE PEAR.—Thoroughly tested in orchards for several years. Has produced good crops when all other varieties were killed by frost. Fruit medium to large, yellow with carmine cheek; quality good, ripens with the earliest, which makes it the leading early market variety.

Each, 35c.; 3 for $1.00, postpaid.

KIEFFER.—A Fall Pear. Large, showy, rich golden yellow, thickly dotted and shaded with red; excellent for canning. **Each, 25c.; 5 for $1.00.**

CRANDALL TREE CURRANT.—A wonderful new **giant Currant,** producing berries ½ to ⅞ inches in diameter; shiny, bluish black in color, and often mistaken at first sight for Concord grapes. Cooking quality unsurpassed; grows like common Currants, but larger, 10 to 12 feet high. **Each, 20c.; 6 for $1.00.**

❋ GRAPES. ❋

Add 25 cents per dozen for postage on 1-year-old plants. 2-year vines should be sent by express.

BRIGHTON.—Dark red; bunch large, berry medium size, skin thin, flesh tender, quality the best. Must be grown with other sorts, as it does not pollenize itself.

CONCORD.—Well-known; reliable. 1-year, each, 10c.; doz., 75c.; 2-year, each, 15c.; 3 for 40c.; doz., $1.25.

DELAWARE.—Bunches small, compact, shouldered; berries small, round; skin thin, light red; flesh very juicy.

GAERTNER.—Not a new variety, but unquestionably the handsomest grape in cultivation; berry very large, round, thick; color a beautiful light red, with bloom; pulp tender, sweet, pleasant, rich. **Each, 25c.**

NIAGARA.—Vine hardy; unusually strong grower; bushes large and compact; berries mostly round; light greenish-white; semi-transparent, slightly ambered in the sun; skin thin, tough; sweet to center. **15c.; 6 for 50c.**

WORDEN.—Black, handsome, compact bunch; ripens three weeks earlier than Concord. Each, 10c.; doz., 75c.; 2-year, each, 15c.; 3 for 40c.; doz., $1.25.

Unless noted, 1-year vines, each, 15c.; 3 for 40c.; doz., $1.50. Our choice, ten vines, five sorts, $1.00; 2-year vines, 20 cents each.

Strawberry-Raspberry or Tree Strawberry.

Another novel and original Japanese fruit. It is a spreading, low growing bush, producing its fruit in branching clusters of three or more at the ends of the stems. The fruit is about the size and shape of a strawberry; excellent for preserves. A fruit so unique, beautiful and prolific should prove a great addition to the garden. **Fine, pot grown plants, 15c.; 4 for 40c.; 12 for $1.00.**

GOLDEN JAPANESE MAYBERRY.

A Raspberry which ripens its fruit before Strawberries.

The earliest Raspberry ever known. The berries are of a golden straw color, as large as Cuthbert, and ripen here before Strawberries. **Each, 15c.; 6 for 60c. 12 for $1.00.**

THE NEW LOGAN BERRY.

A thornless Blackberry-Raspberry; ripens its fruits before raspberries; bears the first year; the hardiest of all berries known. Most remarkable fruit ever offered; hardy as a rock; stands driest weather; fruits on the poorest soils, where all other fruits fail. A hybrid between a raspberry and a blackberry; as large as the largest blackberry; rich, dark, purplish red; of most delightful new flavor of surpassing quality. Ripens in June.

Price, each, 15c.; 3 for 35c.; 12 for $1.00.

CURRANTS.

Add 25c. per doz. for postage to 1-year plant prices. 2-year plants, on account of size, should go by express.

North Star Currant. New.

This is a chance seedling of the Victoria and has now had a satisfactory test of nearly ten years. It is a vigorous grower, often making shoots three feet in height in a season, while it is a bright red color, and is the **sweetest and best flavored Currant known.** It is an early and prolific bearer, many of the clusters measuring from three to five inches in length. It is of **large size,** rivaling the Cherry Currant, and in field culture it will average fully as large a berry as the latter, while each bush will carry about double the amount of fruit. The clusters are long and full, involving only half the labor in harvesting the crop. **1-year, each, 15c.; doz., $1.25; 2-year, each, 25c.; doz., $2.50, by express.**

Victoria Currant.—Imported by us from England. We believe it to be the finest and largest Black Currant up to date; splendid for jellies, preserves, etc. The stock of plants of this Currant is limited, so please order early.

Price, each, 25c.; 3 for 60c.

FAY'S NEW PROLIFIC.—2-year, each, 15c.; per dozen, $1.50; 100, $10.00.

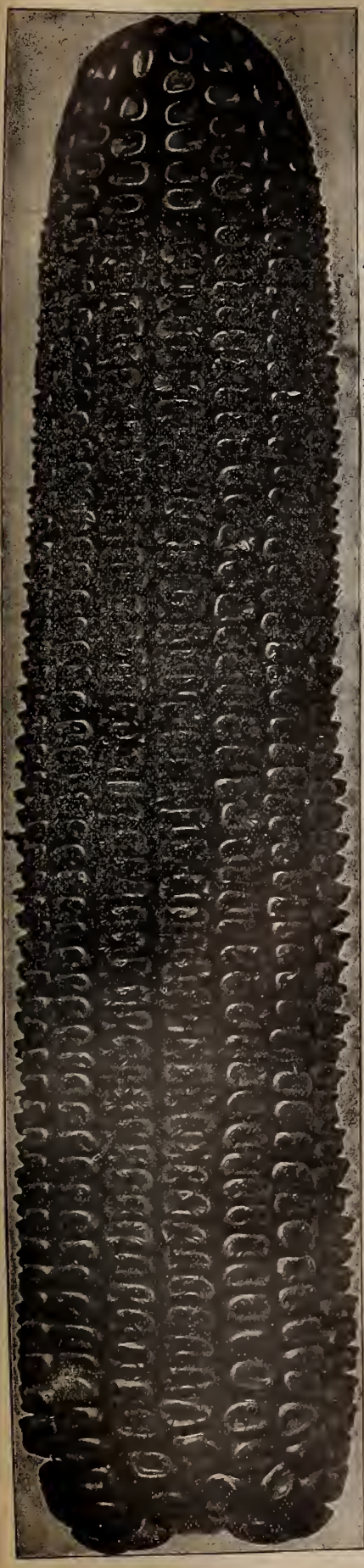
CHERRY.—Large, productive. 1-year, doz., 75c.; 100, $4.00; 2-year, doz., $1.50.

RED DUTCH.—Sweet. 1-year, doz., 45c.; 100, $3.00; 2-year, 3 for 25c; doz., $1.00.

WHITE DUTCH.—1-year, doz., 50c.; 100, $3.00; 2-year, doz., $1 00.

LEE'S PROLIFIC.—One of the best black Currants. Each, 10c.; doz., 80c.

LOGAN BERRY.



Golden Row.

VALUABLE NEW TYPES

—OF—

Yellow Dent Seed Corn.

GOLDEN ROW.

(See cut.) A fine yellow Dent grown in Bureau County, Illinois—the north line of Corn Belt 73°. A ten-inch ear with 16 rows. The grain is deep for Northern grown ears, well filled and hold their diameter well to the tips. It matures fully in ninety days of good corn weather. It is a splendid cropper and has yielded an average in its home locality of 80 bushel per acre for several years. Price, bushel, $1.50; peck, 55c; packet, 10c.

KING OF ILLINOIS.

(Or Ripley's Prize.) See cut. A bright yellow Dent grown and carefully selected for twelve years in South Central Illinois, below Springfield, Corn Belt 75°. A cross between Leaming and an earlier small eared variety. The ears average 10 or 11 inches in length with 20 rows, a very deep grain and dark red cob. The rows are straight and the ear even in size almost to the tip. It is an early variety for its own section and as even in type and general appearance as any variety on our list Has taken the first prize at the County Fair each year since its introduction. Took Sweepstakes prize at the Illinois State Fair in 1892 for the best Yellow Dent corn grown in the State. Took first and second prizes in 1894 and 1895 for best Yellow Dent grown in the Southern Division of the State, and first prize in 1896 and 1897 for same division. Corn is King in Illinois and this is the King of Illinois Corns. Price, per bushel, $1.75; peck, 60c; packet, 10c; or postpaid, pound, 30c; 3 pounds for 75c.

OLDER STANDARD KINDS.

Queen of the Field.—Suitable for "corn belt" 72°. A bright yellow Dent, twelve to sixteen rows, with deep grain and small red cob, weighing sixty pounds to the measured bushel; it is very early and will ripen and fully mature in ninety-five days of good corn weather. It is one of the most prolific, often having two good ears to the stalk. Price, peck, 35c; bushel, $1.10; 3 bushels, $3.00. If postpaid, packet, 7c; lb., 25c; 3 lbs, 65c.

North Star Yellow Dent.—It is a bright yellow Dent, twelve to sixteen rows, with deep grain and small red cob. A good cropper. It ripens in less than one hundred days of good corn weather, and has been carefully improved. It is exactly adapted for a general crop in "corn belt" 71°. Half peck, 25c; peck, 40c; bushel, $1.25; 3 bushels, $3.50. If postpaid, pkt, 7c; lb, 25c

The Leaming. Ears are 9 to 11 inches and nearly always two good ones to each stalk: average about twenty rows. Price, shelled, 3-bushel lots, $2.75; bushel, $1; peck, 35c. If postpaid, pkt., 7c; lb., 25c, 3 lbs., 65c.

Pride of the North.—A small Dent, maturing in about ninety days. The stalk is short and thick and frequently bears two good ears from 7 to 10 inches in length. Price, shelled, per 3-bushel lots, $2.75; bushel, $1; peck, 35c. If postpaid, pkt., 7c; lb., 25c; 3 lbs., 65c.

Iowa Gold Mine.—Ripens only a few days later than Pride of the North, ears of good size, color golden yellow, grain very deep, cob small. Specially recommended for Iowa and other States in same latitude. Peck, shelled, 35c; bushel, $1.10. Quart, by mail, 30c.

Mastodon Dent.—Suitable for "corn belt" about 72°. It is one of the largest corns that can be matured that far north and it is also very even in type, deep grained and a remarkable yielder. Price, shelled, pkt., 7c; lb., 25c. Postpaid, ½ peck, 20c; peck, 35c; bushel, $1.10.

Will's Jehu 70-Day Corn.—This is probably the earliest valuable Yellow Flint corn we have. It has won first premium in Dakota for best yellow for that climate. Pkt., 10c; pint, 20c; quart, 35c, postpaid. By express, ½ peck, 35c; peck, 60c; bushel, $2.

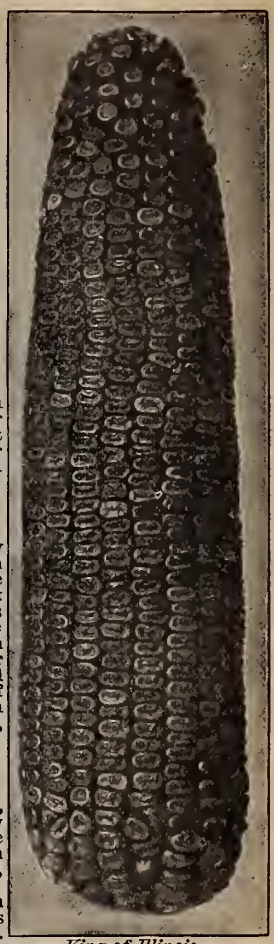
Giant Long White Flint Corn.—For corn belt 72°. A Connecticut grown, tawny or smoky white variety. Price, shelled, large pkt., 10c; lb., 30c, postpaid; peck, 50c; bushel, $1.65. At our New York store, bushel, $1.50; 3-bushel lots, $1.40 per bushel.

Longfellow Flint Corn. A beautiful eight-rowed yellow flint. Ears from 10 to 15 inches long, well filled out to extreme end of cob, very prolific. Price, shelled, large pkt., 10c; lb., 25c, postpaid; peck, 50c; bushel, $1.65.

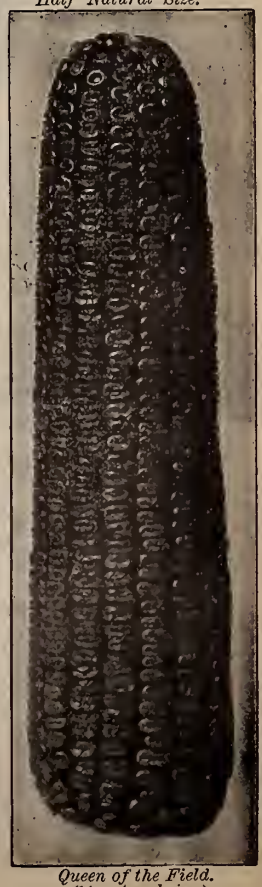
Iowa "Silver Mine" Dent Corn. The ears measure from 10 to 12 inches in length and often weigh 1½ pound. They are very uniform in size and shape, with 16 to 20 straight rows of deep, pure white kernels on a small white cob. It matures in about 100 days, being about two weeks earlier than Champion White Pearl. *It is the heaviest yielder* we know, having yielded *over 200 bushels to the acre.* Price, shelled, bushel, $1.25; peck, 45c; ½ peck, 25c; prepaid, pkt., 10c; lb., 30c.

Golden Dew Drop.—A handsome, bright yellow, eight-rowed flint. Price, shelled, large pkt., 10c; lb., 25c, postpaid; peck, 50c; bushel, $1.65.

King Philip, (Reddish Flint.) One of the oldest and best-known of the flint varieties; suitable for corn belt 71° and North. Price, shelled, large pkt., 10c; lb., 25c, postpaid; peck, 50c; bushel, $1.65.



King of Illinois. Half Natural Size.



Queen of the Field. (½ natural size.)

POP CORN FOR THE BOYS,

Price for any kind of Pop Corn, postpaid. pkt., 5c; ½ lb., 15c; lb., 25c; not prepaid. lb., 15c; 3 lbs., 30c; 10 lbs., 75c; 25 lbs., $1.65.

Illinois Snowball.—Its ears are double the size of the common variety; it is exceedingly prolific, having yielded 65 bushels on half an acre. It is the best pop corn for home gardening that we know of.

Mapledale Prolific. This is the most prolific variety, a single stalk having yielded 22 ears. It pops pure white and is of good quality.

White Rice.—A very fine white variety; kernel pointed.

Queen's Golden.—It pops perfectly white and a single kernel will expand to a diameter of nearly one inch.

Striped Rice.—Its appearance is quite striking; the grains being striped with light and dark red and white.

Eight Rowed.—This has a smooth flint kernel, good long ears and generally has two or three ears on a stalk. It is a good popper.

Prices on Dent Corn are f. o. b. Chicago If to be shipped from New York add 30c. per bushel to prices quoted on this page.

Seed Oats and Barley.

It is unnecessary to enlarge on the value of **changes of seed** of Farm Grains to those who read this book. The advantages are well-known and admitted. The next question asked by the buyer is "Can I afford it?" We say "Yes." The greatest advantage lies in producing largely of a first-class grain. Such kinds we offer here, and at prices lower than ever.

Very Important: All the Seed Grains we offer have been milled by our special machine (which is the finest in the west) for this purpose. **A more important point** is the reputation and high quality of the stock we offer. Comparison invited with those who boast **fancy sorts** under doubtful names at **double prices.** You can increase the weight of your grain crop about twenty-five per cent. by using our stock seed.

Oat prices are made in Chicago, add 25 cents per bushel if to be shipped from New York City.

The following are a few points of its excellence: It is **very productive,** having in all instances yielded more to the acre than any other sort grown in the same locality: in one case it yielded **174 bushels from a single bushel of seed.** It is **very early,** and has thus far proved itself **rust-proof.** It **stands up better** than any other sort; it is best for seeding, on account of its **thin hull, heavy meat and soft nib.** It is best for oatmeal and grinding for the same reasons. 3 lbs. for 45c.; lb., 20c., postpaid; 10 bush., $7.00; 2½ bush., $2.00; bu., (32 lbs.), 85c.; pk., 30c., bag included, by express at buyer's expense.

GIANT YELLOW FRENCH.

Also called "Giant Yellow Side Oats." **It is extremely hardy, makes a strong stool, and grows with vigor and rapidity.** The straw is heavy and stands well. The heads are compact and often measure over 11 inches in length. **The grain is heavy, large and plump.** The Illinois University reports the Giant Yellow French as giving the largest yield of all sorts tried. We offer Illinois grown seed, grown for us from original stock seed, which we imported; good samples at very low prices. Peck, 35c.; bush., 85c.; 2½ bush., $2.00; 6 bush., $4.25.

White Hulless Barley.

Even a better Barley to grow for feeding than the Black Barley, is equally productive, weighs as heavy (over 60 pounds to measured bushel), and stands up much better. Price: Bush., $1.00; peck, 50c.; lb., postpaid, 25c.

Improved Black Tartarian.

This Canadian grown variety is the **darkest** of all so-called black oats, and is a good one for change of seed in all parts of the United States. Bush., $1.00; peck, 30c.; 2½ bush., $2.35.

Badger Queen.

One of the earliest, heaviest, handsomest and most prolific varieties. A very rank grower; stools freely, straw stiff, heads long and spreading, filled to the point with plump, heavy grain. Bu., $1.00; pk., 30c.; 2½ bu., $2.25.

NEW TYROLIAN OATS.

This new Oat is especially adapted to locations where the farmer cannot drill his Oats as early as is necessary to insure a good crop. It has been sown as late as the end of May and yielded a surprisingly large crop. It is also much hardier than other Oats, which enables it to withstand drought and wet weather. It ripens medium early, straw is stiff, tall and heavy, but soft, and **is not inclined to lodge.** Price, for recleaned, Wisconsin grown seed: 10 bush., $8.00; bush., (32 lbs.), $1.00; peck, 35c., by freight or express. By mail, postpaid, lb.. 20c.; 3 lbs., 50c.

SUCCESS—A New Club or Beardless Barley

A new and distinct variety; the earliest Barley known, being fully a week or ten days earlier than any other Barley. Height same as common Barley, but better straw and will stand upon any land. A good yielder, six rowed and strictly beardless. Ripens early thus admitting of a second crop. One pound of seed has yielded 123½ bushels. Price: Per lb., 25c.; 3 lbs., 55c. postpaid. Per peck, 50c.; bush., $1.00; 5 bush lot, $4 35, bags free. **Large Sample Packet,** mailed free for 6 cents in stamps.

BARLEY, MANSHURY.

Standard all around variety. Six rowed. Bush,, 90c.; peck, 30c.; lb., postpaid, 25c.

High Class Spring Wheats.

SASKATCHEWAN FIFE.

Hard red Northern from the Red River Valley. Noted for its great productiveness, earliness, vigor, and freedom from smut and all diseases. This wheat has become so well known as to render extended description of it unnecessary. Price, bags included: Peck, 60c.; ½ bu., $1.10; bu., $1.85; 2½ bu., $4.40; 10 bu., $16.00.

BLUE STEM.

Northern grown. (Minn.) Pedigree stock, carefully selected for ten years. Matures five days earlier than any other Spring Wheat, and will produce on the average from five to seven bushels more to the acre. Price, bags included: Peck, 60c.; ½ bu , $1.10; bu., $1.85; 2½ bu., $4.40; 10 bu., $16.00.

BUCKWHEAT, NEW JAPANESE.

Largest kernels, most productive and earliest; stands up well and makes the best flour. Bush., 95c.: peck, 35c.: lb., postpaid 20c. Write for Market Prices for larger lots of both the above.

Forage and Fodder Plants.

Early Amber Sugar Cane.

SUGAR CANE, EARLY AMBER.

Its early maturity adapts it almost to every section; it has given entire satisfaction whenever introduced, as a *profitable crop for fodder, as well as for sugar making.* It usually grows 11 to 12 feet high and stands well. If planted the first week in May the seed almost invariably ripens, thus giving a double crop each year, yielding 20 to 30 bushels of seed and 140 to 175 gallons of syrup to the acre. It costs as much to raise a crop of mixed, as of pure cane, but the latter will give back *threefold more in return for the labor.* Therefore order our pure, hand picked Iowa grown seed, cured free from rain and of a strain noted for sugar making quality. Pkt., 6c.; lb., 20c., postpaid; 10 lbs., 40c.; 50 lbs., $1.40; 100 lbs., $2.50.

FIELD LUPINS.

When young the plants are good for sheep, the yellow Lupins remaining green longer than the white. The Lupin is one of the best plants known for soiling. It may be sowed from April to July, and succeeds well in the poorest soil, and many lands formerly poor have had their value greatly enhanced by plowing in the Lupins. Lb., 25c.; 3 lbs., 70c., postpaid. By express, 5 lbs., 70c.; 10 lbs., $1.20; 25 lbs., $2.50; 100 lbs., $8.50.

YELLOW MILO MAIZE.

The growth is tall, 9 to 12 feet, stooling from the ground like the White Milo Maize, but not so much. It sends out shoots also from the joints. The seed heads grow to great size on good land, often weighing three-fourths of a pound, sometimes a full pound after being fully ripe. On account of its branching habit and tall massive growth, this grain should be planted in 4 or 5 foot rows, and 2 to 3 feet in the drill, according to the quality of the land, two plants in a hill, 3 to 5 feet apart. Lb., 10c.; 5 lbs., 35c.; 10 lbs., 60c.; 50 lbs., $2.00; 100 lbs., $3.50, If by mail add 8c. per pound.

LARGE AFRICAN MILLET OR WHITE MILO MAIZE.

A variety of sorghum, non-saccharine, growing stalks 8 to 10 feet high, and yielding heads of grain 10 to 15 inches long, weighing six ounces to a half pound when fully ripe. It bears dry weather and makes its crops where corn would wholly fail. Plant in early April, in three foot rows, leaving one or two plants every twelve inches in the row and cultivate as corn. 3 to 5 lbs. per acre. Lb., 10c.; 5 lbs., 30c.; 10 lbs., 50c.; 50 lbs., $2.00; 100 lbs., $3.50.

HOG MILLET.

It is a valuable help in the profitable raising of swine. Lb., 10c.; 5 lbs., 30c.; 10 lbs., 45c.; 25 lbs., 75c.; 100 lbs., $2.60, bags included. If by mail, add 8c. per lb.

CANADA FIELD PEA.

Many of the first farmers of the West are planting peas as stock fattener, especially for hogs. They are equal to the best corn for this purpose. Sow at the rate of two bushels to the acre, broadcast. Pkt., 10c.; lb., 25c.; 4 lbs., 75c., postpaid. By express, ¼ bu., 50c.; bu., $1 25; 2½ bu., $2.65.

VETCHES.

FOR SPRING OR FALL SOWING.

Vetches are grown for a forage crop. They can be cheaply raised, fed green, cured and ensilaged. Where land is not adapted to hay, or is expensive, or pasturage is poor or costly it will pay you to grow vetches as a forage crop. Pkt., 10c.; lb., 25c.; 3 lbs., 75c., postpaid. Peck, 75c.; bushel, $2.50.

SANDVETCH, VICIA VILOSA.

The Sandvetch prospers in the most barren soils, even in those too poor to grow the winter tare. Six tons per acre of green foliage have been harvested in one cut in poor silicious soils, with a second cut for seed or for plowing in green. Sow end of August, alone or together with a cereal, rye preferred, because this vetch, reaching a length of 3½ to 5 feet, must have a support, otherwise it would lay down and deteriorate quality and yield. To the acre sow 65 to 85 pounds. Can stand any frost. This Vetch is eaten by all farm animals without it being necessary to add any condiments. Lb., 25c.; 3 for 60c, postpaid. By express, 10 lbs., $1.00; 50 lbs., $3.50; 100 lbs., $6.50.

LATHYRUS SYLVESTRIS, OR FLAT PEA.

This new forage plant is truly an agricultural wonder. Two or three cuttings may be made in one season, and a vast amount of very rich hay can be secured from a comparatively small area. It affords excellent pasturage also as it produces heavily of fodder. The mature plants root 30 feet deep, enabling them to stand the severest drouths and extreme cold. It starts earlier in spring than alfalfa and continues later in the fall. It lasts fifty years without resceding. On very poor, unimproved, sandy soil it makes a top growth of 6 to 8 inches and a root growth of 12 to 15 inches the first year. On sandy soil that has been cultivated it does much better. It grows slowly at first and needs care to keep down the weeds. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., $2.25, postpaid.

SACCALINE, OR SAGHALIN.

Extensively sold as a forage plant for desert and arid regions, as well as for low ground and all waste places. As it was most largely distributed in seeds—which require time to establish themselves—few of the experiments are sufficiently productive of results to recommend or condemn Saghalin. Young plants quickly establish themselves and throw out feeding roots in all directions. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., $2.25.

RED COB ENSILAGE.

A southern type of large white corn with deep red cob, strong leafy stalks and short joints. Price, sacks included, shelled, pkt., 5c.; ½ peck, 20c.; peck, 30c.; bu., 85c.; 2 bu., $1.60.

SWEET FODDER CORN.

We recommend it above all others for sowing broadcast or in drills for summer and early fall; green feeding during the summer months, helping out the shortness of summer feed and keeping up a supply of milk. Price, peck, 40c.; bu., $1.25; 2 bu., $2.00: 10 bu., $9.00, bags included.

COW PEAS.

A highly valuable fodder and fertilizing crop. Can be grown as a second crop after wheat in the north. The pods may be harvested for the grain, and the plants plowed under to fertilize the soil. The seed is ground and used for cattle fodder; the stalk and leaves also make excellent fodder, fed green. Poor, sandy land may be greatly improved by plowing under a crop of Cow Peas, and thus made into a fertile loam. Plant in a thoroughly pulverized soil. Do not sow until the soil has become thoroughly warm. **Black Eye, Whippoorwill.**—Pkt.,10c.; pt., 20c.; qt., 35c., postpaid. Peck, 60c.; bush., $2.00, by express.

JERUSALEM CORN.

It belongs to the non-saccharine sorghums, grows about three feet high, makes one large head on main stalks, and several smaller heads on side shoots, often as many as eight heads on one stalk. The grain is pure white and nearly flat. It is a sure crop for dry sections. Three pounds of seed will plant an acre. Pkt., 5c.; lb., 20c.; 3 lbs., 50c., postpaid; 10 lbs., 50c.; 50 lbs., $2.00; 100 lbs., $3.50.

FODDER CORNS.

If you want your dairy products to be "Dry Weather proof" you must arrange for a supply of Green Fodder, and what is surer to grow well and protect itself from drought than the Corn plant. Drill in 12 to 16 quarts per acre and leave room between the rows for sun and air to develop the plant.

VIRGINIA MAMMOTH WHITE.

Where pasturage is expensive it is the cheapest and best food that can be grown for feeding green to stock of all kinds. Price, shelled, peck, 35c.; bu., $1.00; 2 bu., $1.90. Write for special price on large lots.

KAFFIR CORN.

One of the best forage plants. If the crop is wanted mainly for fodder, it is recommended to cut down the whole stalk when the first seed heads come into bloom. The second growth, springing at once from the roots, will still mature (in climates similar to Central Kansas) a full crop of grain and a second full crop of forage before the middle of October. Sow in rows three feet apart, 3 to 5 pounds of seed to the acre. Price, for white or red Kaffir Corn, per pkt., 5c.; per lb., 20c.; 3 lbs., 50c., postpaid. Not prepaid, 10 lbs., 45c.; 100 lbs., $2.50.

One Pound Lots and Less, Free by Mail
Larger Lots at Buyer's Expense.....

TREE SEEDS.

CHESTNUT, Japan Giant—A brand new Chestnut, which commences to bear when but two or three years old, often producing a large crop as they stand in the nursery row; and we have seen burrs containing from four to seven perfect nuts. The size of the nuts is about four times larger than the wild chestnut, and it is a tree which everybody should plant. The nuts are very fine and sell for a high price. Price for nuts, 2-oz. pkt., 15c.; ¼ lb., 25c.; lb., 75c., postpaid.

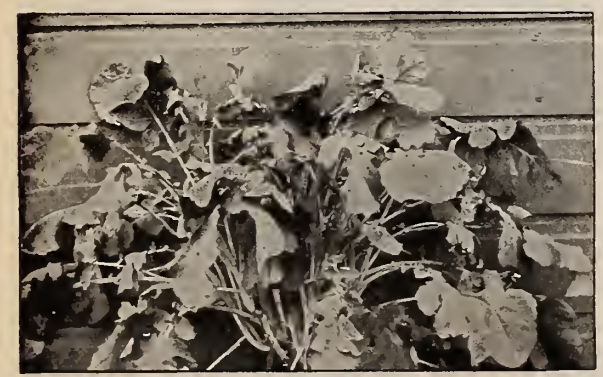
ASH, White—This is one of the most valuable varieties for forest planting. It is adapted to a wide range of soil and climate. It is an extremely rapid grower, often attaining a growth of six feet in a single season. It is one of the easiest varieties to transplant or grow from seed, reqniring no more skill or care than the ordinary crop of white beans or Indian corn, with the exception that the seed nsually lies dormant the first season, bnt it is sure to grow the next season if the ground is not disturbed. Oz., 5c.; ¼ lb., 15c.; lb., 35c.; 5 lbs., not prepaid, 90c.

CATALPA Speciosa—The hardy western variety, now being very largely planted. It is of very rapid growth, making one of the best timber trees. Sow thickly in rows about three feet apart, in April or May, and cover to the depth of one-half inch, and keep free from weeds. Transplant to their permanent places the next spring, and cultivate for two seasons. A ponnd contains 16,000 to 22,000 seeds. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.; not prepaid, 5 lbs., $2.50.

BOX ELDER—It is the easiest grown and most generally successful of all tree seeds commonly planted. It is a most rapid grower and makes a very leafy shade; it will prodnce the largest amount of fuel in the shortest time of any of our hardy trees. Soak the seeds before planting. A bushel contains 10,000 seeds (bushel, 10 lbs). Price, per oz., 5c.; ¼ lb., 12c.; lb., 30c.; not prepaid, 10 lbs., $1.40; 50 lbs., $5.50; 100 lbs., $10.00.

MAPLE, Oregon Mammoth—This is the large mammoth-leaved Maple, peculiar to the Northwest coast. It is one of the most graceful trees in the conntry; varying from 40 to 90 feet in height. Its leaves are often twenty inches in breadth. While it is a species of Maple peculiar to the Northern climate of Oregon, it has been fully tested in other states and countries, and found to grow rapidly in either cold or warm, dry or damp climate. As a shade tree it has no rival. Pkt., 5c.; oz., 10c; ¼ lb., 30c.; lb. (about 7,000 seeds), $1.00.

	PKT.	OZ.	¼ LB.	LB.
APPLE SEEDS (bush. 40 lbs.).. Not prepaid, 10 lbs., $2.35; 100 lbs., $17.00.	5	7	20	$0.40
APRICOT, Russian.....		10	20	60
ARBOR Vitae, American.....	5	15	55	2.00
BALSAM FIR.....	5	10	60	2.00
BIRCH, White.....	5	10	30	1.00
LARCH, European.....	5	10	30	1.00
LOCUST, Honey..... 5 lbs. not prepaid, $1.25.		5	15	45
LOCUST, Black or Yellow....		5	15	$0.45
MULBERRY, Russian.....	10	20	50	1.75
MYROBOLAN PLUM.....	5	10	20	60
OSAGE ORANGE..... Bushel (33 lbs.), $6.00.		5	15	50
PEACH, bush. (50 lbs.), $2.00.....				
PEAR, French.....	5	15	50	1.70
PINE, Scotch.....	5	20	60	2.00
SPRUCE, Douglas.....	10	35	1.00	3.50
SPRUCE, Norway.....	5	10	35	1.25



DWARF ESSEX RAPE.

DWARF ESSEX RAPE.

The main secret in the successful raising of sheep for mutton, for which the English are so famous, lies undonbtedly in the very general use of Fodder Rape for feeding them. After the corn is harvested and before winter sets in there is need of nutritious green fodder, especially for sheep. Dwarf Essex Rape is easily grown and perfectly hardy, and possesses remarkable fattening properties. One acre will pasture thirty-six head two months, and lambs will make a gain of 8 to 12 pounds a month. "They soon weigh like lead." *Pigs and cattle are also very fond of it.* The plant is a rank grower and should have heavy manuring, as well as high cultivation. Any corn soil will grow Rape. Sow the seed dnring the third or fourth week in June; it can then resist dronth, and the crop can be ready to feed *at a season when it is most needed.* By sowing different pieces several weeks apart a continuous supply of good feed can be had. When sown in June the Rape will have to be fed during August, though if the first crop were cut about four inches from the ground, there would be an aftermath or second growth that would be useful after that time. For the breeding flock a piece should be sown about the first week in July, with some even later, and the chances taken on its withstanding the drouth. It does well sown with oats. After the oats are cut the Rape grows rapidly. *From one-half acre there was cut 9¾ tons of green rape*, or it yielded at the rate of *19 tons per acre.*

If the soil is rich and clean sow broadcast, if not so clean sow in drills and cultivate as for corn. Rape is *especially adapted for a catch crop*, succeeding well when for any cause other crops have failed, as it, like turnip, makes its growth late in the season, can be sown on stubble, and will furnish excellent pasturage when much needed in fall. When sown broadcast, use five pounds. and if in drills, two pounds to the acre.

Price, by express or freight, 10 lbs., $1.00; 25 lbs., $2.00; 100 lbs., $7.00. Per lb., postpaid, 30c.; 3 lbs. for 75c.; 1 oz. pkt., 5c.

BROOM CORN, Improved Evergreen.

The best variety for general cultivation on account of color and quality of brush; ripens very early, grows 8 to 10 feet high, brush of good length, fine and straight, and always of green appearance when ripe and *will not get red in the field* before it is cut. Price, lb., 20c.; postpaid; by express, 10 lbs., 60c.; 25 lbs., $1.25; 100 lbs., $4.00.

BROOM CORN, New Japanese.

An *extra early* variety, matures in about seventy-five days when planted late. Can be planted after wheat with good success, thereby making two crops on the same ground. The brush is fine and long, *without center stalk*, which is a most desirable point to broom corn raisers and manufucturers. Lb., 20c., postpaid; 10 lbs., 60c.; 50 lbs., $2.25; 100 lbs., $4.00.

CASTOR BEANS.

Per lb., 20c.; 3 lbs for 50c., postpaid.

FLAX SEED.

For Sowing.

Choice Recleaned, per bushel, $2.00. Write for latest market quotations on quantity.

SOJA BEAN.

SOJA BEAN.

This valuable forage plant has attracted increasing attention yearly. It is one of the most nutritious of all vegetable products. It will produce a crop of twenty to thirty bushels per acre and is as easily grown as other beans. For pasturing or feeding as green fodder it is very valuable and nearly equal to clover for fertilizing. It also has a further notable use and for that purpose has been widely advertised and sold recently. It is called the *German Coffee Berry*, also the *American Coffee Berry*.

A promiuent seedsman says: "While it does not even belong to the coffee family of plants, still it is a fact, as we find by actual test, that when roasted and *coarsely* ground, it tastes so nearly like Brazilian coffee the difference is scarcely perceptible. *It is certainly the best of all substitutes for coffee yet found.* We believe the time is not far distant when it will be quite generally raised as a substitute for the cheaper varieties of coffee."

Sow one-half bushel per acre broadcast or one gallon per acre in drills 3½ feet apart and 1½ feet between the plants, dropping 2 or 3 in a hill.

Price, large pkt., 10c.; ½ lb., 20c.; lb., 35c., postpaid. By express or freight, per peck, $1.00; per bushel, $3.75, bags included.

GRASS SEEDS for all Soils.

THESE PRICES *are f. o. b. either Chicago or New York, and include bags,* purchasers paying all transportation charges, but are *subject to market fluctuations.* Should any article appear high, write for samples and lowest quotations based on daily market.

☞ IF TO GO BY MAIL ADD 8 CENTS PER POUND FOR POSTAGE. ☜

Awnless Brome Grass. (*Bromus inermis.*)—For description see next page. (Bush., 14 lbs.); lb., 25c.; bush., $3.00; 100 lbs., $16.00.

Creeping Bent Grass. (*Agrostis Stolonifera.*)—(Bush., 15 lbs.); lb., 25c.; bush., $3.00; 100 lbs., $19.00.

Crested Dog's Tail. (*Cynosurus Cristatus.*)—For permanent pastures. (Bush., 22 lbs.); lb., 50c.; bush., $8.50; 100 lbs., $22.00.

English or Perennial Rye Grass. (*Lolium Perenne.*)—This variety is used exclusively for pastures and lawns; succeeds well in shady places. It is of European origin and has not been, as yet, very extensively cultivated in this country, but has given excellent satisfaction wherever tried. For lawn it should be sown very thickly—not less than two bushels to the acre. (Bush., 24 lbs.); lb., 12c.; bush., $1.50; 100 lbs., $5.00.

Hard Fescue. (*Festuca Duriuscula.*)—Valued for its dwarf habit and should form a part of every mixture for lawn or pleasure grounds, and for permanent pasture. Sow thirty pounds to the acre. (Bush., 16 lbs.); lb., 20c.; bush., $2.40; 100 lbs., $13.00.

Italian Rye Grass. (*Lolium Italicum.*)—(Bush., 18 lbs.); lb., 12c.; bush., $1.60; 100 lbs., $6.00.

Kentucky Blue Grass. (*Poa Pratensis.*)—Also known as *June* and *Meadow Grass.* As a grass for woodland pastures or lawns it is superior to all other kinds. On good soil it forms a thick mat of blades that afford excellent pasturage through the entire winter.

Fancy clean.—(Bush., 14 lbs); lb., 20c.; bush., $1.75; 5 bush., $8.00.

Prices subject to market fluctuations.

Meadow Fescue, or English Blue Grass. (*Festuca Pratensis.*)—It grows from 2 to 3 feet high and is one of the *earliest, most nutritious and productive* of all the grasses. It thrives well on all good soils, makes a perfect sod, and is valuable for permanent pasture. It remains green throughout the summer, when other grasses are all dried up. Sow one and a half bushels to the acre. (Bush., 18 lbs); lb., 15c.; bush., $1.65; 100 lbs., $6.50.

Meadow Fox-Tail. (*Alopecurus Pratensis.*) It grows best on rich, moist, or even wet soils, and is one of the most reliable grasses for permanent pastures. Sow three bushels to the acre. (Bush., 7 lbs.); lb., 35c.; bush., $2.10; 100 lbs., $21.00.

Rough Stalked Meadow Grass. (*Poa Trivialis.*)—For pastures and meadows, particularly in damp locations. (Bush., 14 lbs.); lb., 30c.; bush., $3.65; 100 lbs., $21.00.

Sheep's Fescue. (*Festuca Ovina.*)—Excellent for sheep pastures. (Bush., 12 lbs.); lb., 20c.; bush., $1.85; 100 lbs., $12.00.

Sweet Vernal.—Annual; emits a sweet odor. (Bush. 10 lbs.); lb., 20c.; bush., $1.50; 100 lbs., $10.00.

Orchard Grass. (*Dactylis Glomerata.*)—It stands drought well, grows in the shade of trees and thrives tolerably well on poor land. It comes very early in the spring and remains green until late in the fall, making it valuable for both early and late grazing, and will bear repeated pastnring and mowing. Sow three bushels to the acre. Subject to market fluctuation. (Bush., 14 lbs.); lb., 20c.; bush., $1.90; 100 lbs., $10.50.

Red Top. (*Agrostis Vulgaris.*)—This is a good, permanent grass, well adapted to wet lands, althongh it will grow with luxuriance on almost any soil, whether wet or dry, and makes a perfect sod. In most sections it is highly appreciated for hay, succeeding clover and timothy when they have dried out. It is a good forage plant when kept fed close. It should enter largely into a mixture with other grasses. Sow two bushels to the acre. (Bush., 14 lbs.); lb., 20c.; bush., $1.75; 100 lbs., $10.00.

Red Top, Fancy.—Solid seed. Three pounds *equaling* one bushel of ordinary Red Top. Can be sown at same time with other grasses. (Bush., 42 lbs.); lb., 30c.; bush., $8.50; 100 lbs., $15.00.

Tall Meadow Oat Grass.—(*Avena Elatior.*)—Used for soiling. It succeeds well in sandy lands, and owing to its long, fibrous roots, stands cold and drought well. Sow three bushels to the acre. (Bush., 14 lbs.); lb., 20c.; bush., $2.50; 100 lbs., $16.00.

Timothy. (*Phleum Pratense.*)—It makes the best hay for horses and market of the entire list, and being an early grass is well adapted to spring grazing. It is a perennial, and if the meadow is kept in good fertility by surface dressing it will last and bear good crops indefinitely. We handle *strictly pure* stocks for those who want the best only. Sow 15 to 25 pounds to the acre. (Bush., 45 lbs.); lb., 8c.; bush., $1.85; 100 lbs., $3.50. Subject to market changes.

CHOICE HUNGARIAN GRASS.—Sow three-fourths of a bushel to the acre. Value constantly changing; write for special prices. (Bush., 48 lbs.); lb., 6c.; bush., 85c.; 100 lbs., $1.40.

German or Golden Millet.—Sow three-fourths of a bushel to the acre. Values constantly changing; write for prices. (Bush., 50 lbs.); lb., 6c.; bush., 85c.; 100 lbs., $1.50.

CLOVERS.

Prices do not include postage; if to go by mail, add 8c. per lb. Prices subject to market changes. Samples free on application.

MEDIUM RED.—(Bush., 60 lbs.); lb. 15c.; bush., $4.25; 100 lbs., $6.50.

MAMMOTH RED.—(Bush., 60 lbs.); lb., 18c.; bush., $4.75; 100 lbs., $6.75.

ALSIKE.—(Bush., 60 lbs.); lb., 15c.; bush., $6.00; 100 lbs., $9.00.

WHITE CLOVER.—Extra choice seed. (Bush., 60 lbs.); lb., 30c.; bush., $9.75; 100 lbs., $15.00. Prime Seed. (Bush., 60 lbs); lb., 25c.; bush., $9.00.

SAINFOIN or ESPARSETTE.—(Bush., 20 lbs.); lb., 12c.; bush., $1.75; 100 lbs., $7.00.

CRIMSON or SCARLET CLOVER.—(Bush., 60 lbs.); lb., 17c.; bush., $3.25; 100 lbs., $4.50.

BOKHARA or SWEET CLOVER.—Lb., 22c.; 100 lbs., $16.50.

Vaughan's GRASS MIXTURE,

For Permanent Pastures.

This mixture is made np of a nnmber of the best, imported perennial grasses, Red Top and Orchard Grass as the base. They are all of the best quality obtainable, and are mixed in the proper proportions. Price, bush. (14 lbs.), $2.25; 5 bush., $10.00.

(Sow three bushels and ten pounds mixed clover to the acre.)

The above mixture does not contain any clover, which is essential to a good pasture mixture. The seed, however, is so heavy compared to the grass seed, that it should be sown separately. *Ten pounds of Mixed Clover,* suitable for the above Grass Mixture, $2.00.

CAHOON BROADCAST SEED SOWER.

A hand-machine very largely used. The quantity to be sown is easily regulated. It will seed *evenly* four to six acres per hour. It will scatter the following distances: Wheat, Barley, Rye, 25 feet; Clover and Timothy, 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight, 5½ pounds.

ALFALFA, OR LUCERNE CLOVER.

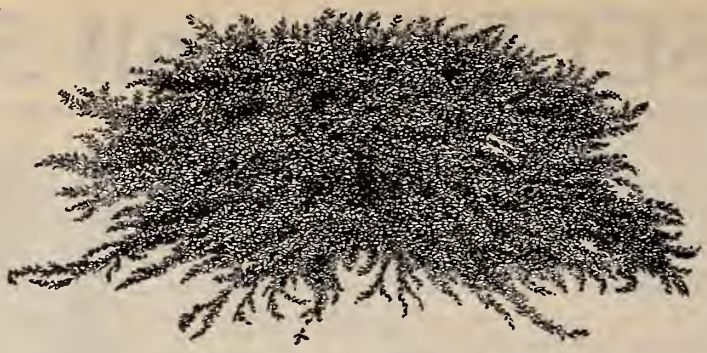
ALFALFA OR LUCERNE.

Unequaled Drought Resisting Clover.

The fresh green fields of Alfalfa, with the soft pink clusters of peach and apricot blooms scattered through them, as seen in Southern California, form one of the loveliest sights in America, especially when one travels in winter from the snowy north through the barren deserts and, creeping over the mountains, glides down some February morning amid such scenes, where refreshing ocean breezes are heavy with the scent of orange blossoms. This tangled mass of strong growing clover shows what Alfalfa is and can do. It should be sown on open, porons or sandy soil, where it at once makes a start, and after the first year becomes permanent, and will afford immense crops year after year, without renewing. It is a remarkable plant for dry lands, the roots penetrating 15 to 17 feet deep in the ground, ensuring moisture and enriching the soil. This is now an immense crop in Colorado, New Mexico, California, Wyoming, and many other dry but fertile valleys in other western states and territories. It is certainly what may well be called a "dry weather" plant, and the past three seasons of bad dronght should encourage every farmer to *make a start* with Alfalfa this year. It is a splendid crop to renew worn-out land. It should be cut when in full bloom, the hay should not be rained on. Too much of the green crop should not be fed to cattle at a time. Keep the weeds down the first spring, after that the Alfalfa will do so itself.

Price, extra choice recleaned seed, postpaid, lb., 30c.; 3 lbs., 80c. Not prepaid, 10 lbs. (1 acre), $1.25; 50 lbs., $4.25; 100 lbs., $8.25.

Australian Salt Bush Branch, one-half natural size.



Australian Salt Bush.

A Forage Plant for Alkali Soils, and for Regions Subject to Periodic Drouth.

This is a most wonderful forage plant as it will grow freely in arid and alkali lands, that will produce no other vegetation, yielding a marvelously liberal foliage which is eagerly eaten by all kinds of stock. It is of creeping habit. From 20 to 30 tons of green fodder have been harvested from one acre. It has further been proved that after three or four crops have been grown on alkali land, that the soil is then capable of producing any other vegetation. In many sections of the States this is in itself of priceless value. This plant has been very extensively tried at the California Experimental Station, where single plants, grown on the poorest alkali ground, have reached a diameter of 16 feet in one season. One pound of seed will plant an acre. It grows readily from seed and requires no cultivation. Price, per lb., $2.25; ¼ lb., 65c.; oz., 20c.; pkt., 10c.

Crimson Clover.

Crimson Clover.

Five Great Points Showing Its Value.

1. **It grows in one season between other crops.**
2. **Profitable to grow for seed.**
3. **Plowing it under as a manure.**
4. **As a hay crop is equal to Timothy.**
5. **Great feeding value as pasturage.**

So general has become the profitable use of this New Annual Clover in Delaware and New Jersey the past three years that it has attracted wide spread interest everywhere. We are satisfied that its general use everywhere is a matter of but a few seasons. It should be sown 10 to 15 pounds per acre in July or August to secure best stand, and may be sown in standing Corn, or after Potatoes, Tomatoes, Beans, Cabbage or like crops, or with Buckwheat. It does not make permanent pasture, but will give the cattle two *early, heavy* cuttings of green feed. If it makes a good start it can be pastured during fall and winter and make a good crop of hay or seed in the summer. It will grow on poorest land. It grows late in fall and during warm spells in winter, when Red Clover will not think of starting A plank drag is a good and sufficient means of covering the seed when sowing. Soon after the vegetable crops named it establishes itself and is ready by May 12th with a heavy growth to plow under for any other crop that may be wanted in the spring. See the gain in time! Such a crop plowed under has shown a proven manurial value of $50.00 per acre.

Present Price of Crimson Clover.—Choice and clean, postpaid, per lb., 25c.; 3 lbs., for 60c.; by freight or express, 10 lbs., 70c.; 25 lbs., $1.40; 100 lbs., $4.75, bags included. Prices subject to change without notice.

BROMUS INERMIS.

Best New Grass for Pasture or Hay.

Another very valuable grass for the dry lands of the west and south. It endures extremes of temperature and resists protracted drouth, succeeding where Alfalfa fails. Poor lands are no discouragement. It grows best in light, sandy loam, but its roots will penetrate the stiffest clays. It is equally good for cutting green, pasturing or cutting into hay, and the dense, tough sod it forms is most valuable for holding the banks of ditches and strengthening the turf of sandy soil. Dr. Sewell of the U. S. Grass Experiment Station, Garden City, Kas., says, it is equal to Timothy for cattle or horses, and makes as fine a pasture as Blue Grass. From the same station comes the report that this grass is positively the best out of over 600 kinds of seed. It has done equally well in Canada, Mississippi, Kansas, Colorado, Wyoming and California. Use 25 pounds to the acre if alone; if with Alfalfa, 15 pounds; they will grow well together. It may be sown in the fall with winter wheat, or in the spring. Cut when first coming into bloom. Per lb., 35c.; 3 lbs., 80c., prepaid. By express, 10 lbs., $1.75; 25 lbs., $4.00.

TEOSINTE.

(Reana Luxurians.)—A grand forage plant for the southwestern states; growing 12 feet high, very thickly covered with leaves yielding such an abundance of forage that one plant is considered to be sufficient to feed a pair of cattle for twenty-four hours. Not recommended for the Northwest. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.25, postpaid.

WILD RICE.

(Zizania Aquatica.)—The only one of our native plants furnishing food for wild fowl, ducks, geese, etc., which has been made an article of commerce. This seed can be sown on the borders of lakes, ponds and along small streams to great advantage, attracting all of these wild birds from September on. It purifies the water and affords refuge for the small fry from the large fish. It makes a good hay and at the South two crops can be cut and all cattle are fond of it. Sow in water having a mud bottom. Lb., 30c., postpaid; bushel of 20 lbs., $2.75. Write for price on large quantities.

MAMMOTH RUSSIAN SUNFLOWER.

Single heads measure 12 to 20 inches in diameter, and contain an immense quantity of seed, an excellent and cheap food for fowls. Every farmer should plant some of the seed in any waste piece of ground. The stalks and seed-heads when dry make a good hot fire. Four quarts of seed will plant an acre. Oz. pkt., 5c.; ¼ lb., 10c ; lb., 20c. By express, 5 lbs.. 50c ; 10 lbs., 80c.; 25 lbs., $1.25; 100 lbs., $4.00.

Mammoth Russian Sunflower.

GIANT SPURRY.

Spergula Arvensis Maxima.

Spurry is an annual plant, extensively cultivated in Europe as a winter pasture for cattle and sheep. Milch cows and sheep fed on it are said to yield superior milk, butter and mutton. It grows so well on poor, dry, sandy soil that it has been called "the clover of sandy land." If sown in March, then again in May, and afterwards in July, it will produce three crops upon the same field in one season. These three crops, if successfully plowed under, will improve a barren soil so that it will now produce clover or winter grain. It is, therefore, recommended to all who are seeking a plant that will be a fertilizer for light, sandy soil, and at the same time be of real value for forage.

The soil for Spurry requires the same preparation as for clover. It should be sown at the rate of 15 pounds to the acre. It is in best condition for pasture from four to six weeks after sowing, and it may be sown every month from March to August. It is also valuable for "filling in" on pastures that have become thin. Per lb., 25c.; 3 lbs., 65c., postpaid. By freight or express, 5 lbs., 65c.; 10 lbs , $1.10; 50 lbs., $4.25; 100 lbs., $8.25.

LENTILS.

(Linsen.)

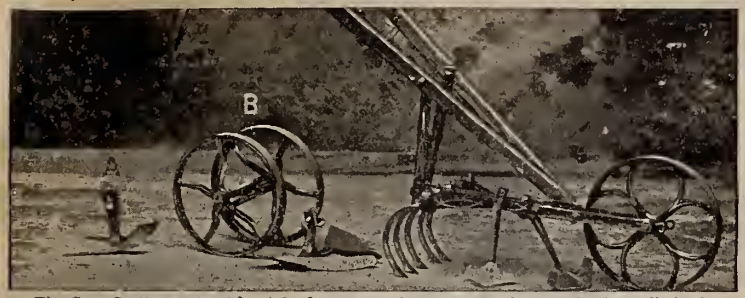
A really valuable addition to our list of foods. The seed should be sown in spring in drills and no further attention is required until harvest, September 1. The seeds keep best in the pods They are cooked like beans and much used for soup. Oz., 5c.; ¼ lb., 15c.; lb., 30c., postpaid. By express, 10 lbs., $1.25.

VAUGHAN'S GARDEN TOOLS.

Please remember that we will meet the prices of any reliable dealers if lower than ours, besides the advantage in freights in shipping from our Central locations, Chicago and New York.

WE SAVE YOU TIME AND MONEY!

For nearly twenty years we have offered our customers every good device in the way of **Hand Garden Tools** and our large sale of them has become a feature of our Catalogue trade. Buying in car loads, with low freights, and shipping from Chicago, New York or Philadelphia, we are in position to supply all these to the best advantage of buyers, as well as furnish *extra parts*. But we do not include gardening implements of any kind which we cannot vouch for as having been proven worthy and valuable. If you find that we recommend these tools you may safely buy them. We do not offer them as a premium to secure your seed order, but on their own merits.



The Gem Cultivator is without doubt, one of the most popular and best of all the hand cultivators made. Over twenty thousand have been sold, over one-half of them through Vaughan's Seed Store, since they were introduced and all have given best satisfaction. It is a most practical tool and made of the best material only.

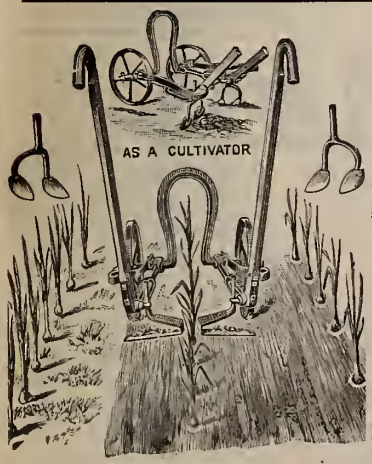
Single Wheel Gem No. 1 includes all parts shown in cut except double wheels "B," and one pair side hoes "A." Price, not prepaid, $3.85.

Double and Single Wheel Gem No. 2 includes all parts shown in the photograph. Price, $4.75.

Double Wheel Gem No. 3 includes main frame, double wheels and side hoes. Price, $4.00.

....REMEMBER....

Tool prices on this page mean delivered on cars at Chicago or New York.



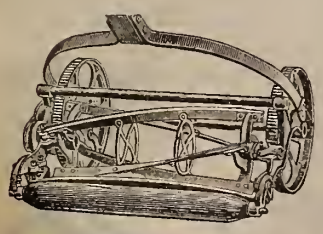
THE McGEE CULTIVATOR

This tool straddles the row and the handles can be moved independent of each other. Each handle has one of the knives attached to it and is held steady by a spring so that the blades can be moved up to or away from the plants as desired. This can be done with such ease, and so accurately after becoming used to the machine, that a man will work it as fast as he can walk and cut the weeds closer to the plants than can be done by any other cultivator. Price complete, a bargain, $3.50.

A. H. MATTHEWS' GARDEN DRILL.

The name "Matthews" has long been well-known in connection with the making of reliable garden Seed Drills, and this one known as the "SQUARE Box Matthews" in distinction from the older "Round" hopper machine, is in our judgment the best of all, and is built with several new, ingenious and valuable Yankee improvements. The seed dial, the indicator, the markers, the shut-off and adjustable handles are all good features. Of good value at the price, $6.75.

PHILADELPHIA LAWN MOWERS.



Philadelphia Horse Lawn Mowers.

	List price	Our price
25 inch	$50.00	$35.00
30 " with Draft Rod	100.00	70.00
30 " with Seat and Shaft	120.00	82.50
36 " with Seat and Shaft	160.00	118.00
40 " Horse Sweeper.	70.00	55.00

STYLE M. 3 Blade, Solid Wiper.

Cut	Weight	List price	Our net price
10 inch,	26 lbs.	$13.00	$4.25
12 "	28 "	15.00	4.75
14 "	36 "	17.00	5.50
16 "	38 "	19.00	6.00
18 "	44 "	21.00	6.50
20 "	46 "	23.00	7.25

Diameter of Wheels, 7 inches.

STYLE S. 4 Blade, Open Wiper, Patent Steel.

10 inch,	24 lbs.	$13.00	$4.00
12 "	26 "	15.00	4.50
14 "	33 "	17.00	5.00
16 "	34 "	19.00	5.50
18 "	36 "	21.00	6.00
20 "	40 "	23.00	6.50

Diameter of Wheels, 7 inches.

STYLE C. 8½ inch Driving Wheel.

14 inch.	40 lbs.	$20.00	$5.25
16 "	38 "	19.00	5.75
18 "	40 "	21.00	6.25
20 "	44 "	23.00	6.75

STYLE K. 10 inch high Wheel. 5 Blade Mower.

14 inch.	40 lbs.	$20.00	$5.75
16 "	42 "	22.00	6.35
18 "	44 "	24.00	7.00
20 "	46 "	26.00	7.75

STYLE A. THE KING OF MOWERS. ALL STEEL.

15 inch,	30 lbs.	$25.00	$9.50
17 "	42 "	28.00	10.50
19 "	44 "	31.00	11.50
21 "	46 "	34.00	12.50

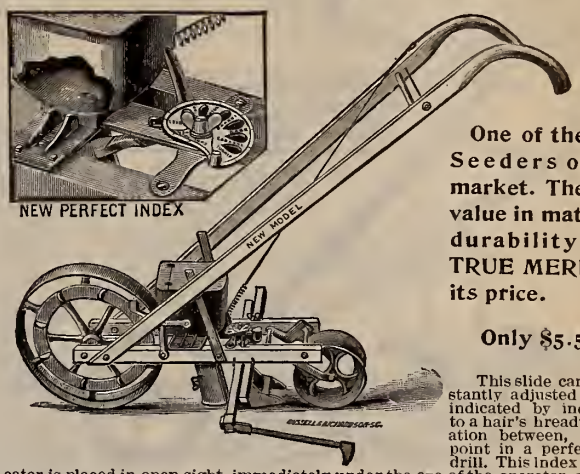
Diameter of Wheels, 10 inches. Diameter of Wiper, 6¼ inches.

DREXEL LAWN MOWERS.

THE BEST CHEAP MOWER ON THE MARKET.

12 inch.....$2.50 14 inch.....$3.00 16 inch.....$3.50

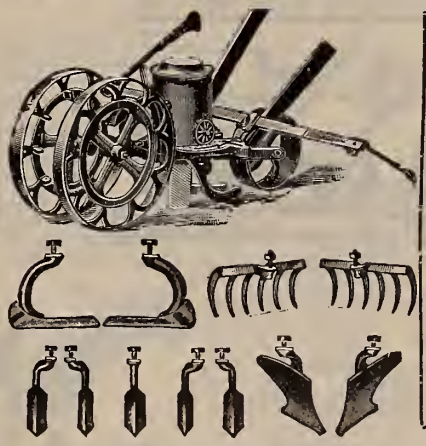
NEW MODEL SEED DRILL.



One of the best Seeders on the market. The best value in material, durability and TRUE MERIT for its price.

Only $5.50.

This slide can be instantly adjusted to size indicated by index, or to a hair's breadth variation between, a vital point in a perfect seed drill. This index or indicator is placed in open sight, immediately under the eye of the operator, and can be quickly adjusted to the slightest variation desired. The names of the principal seeds are plainly shown. The flow of seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord or ring on the handles. The main wheel is of larger size and of unusual width, preventing its sinking into soft earth. The opening plow is steel and adjustable in depth. Each drill crated and carefully packed for shipment. Packed, weighs about 40 pounds. Price, $5.50.



Matthews' Combination Drill and Cultivator.

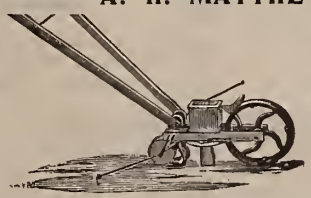
This is indeed a valuable machine and unlike any other on the market, since it can be changed at will either to a single or double wheel Seed Drill or Cultivator. As a cultivator one or all of above many parts can be utilized. The price is made low to introduce them.

Each, $7.00.

MATTHEWS' GARDEN TOOLS

of *whatever pattern or kind* we can supply at as low rates as offered in any seed catalogue. Kindly add them to your order for us, mentioning prices which you can pay and name of the firm quoting same.

A. H. MATTHEWS' GEM DRILL.



This is, in most respects, but a smaller pattern of the A. H. Matthews' Garden Drill, and will sow all seeds with the same accuracy. For the home garden and all other uses where the finer seeds are sown, the Gem Drill will make the furrow, drop and cover the seed, and mark the next row as perfectly as any. It is thoroughly made in every way. The Drill crated weighs, 22 lbs. Cheapest and best small Garden Drill.

Price, $4.35.

PHILADELPHIA GRASS COLLECTOR.

THE BEST MADE.

A Galvanized Iron Bottom Collector, never-rip cloth connections. The wire is sewed in the cloth and cloth and wire rolled in the bottom. Always be careful to state size and style of mower when ordering.

Price List.

Low Wheel Mower.	10 in.	12 in.	14 in.	16 in.	18 in.	20 in.
	$1.40	$1.50	$1.60	$1.70	$1.80	$1.90
High Wheel and Style K Mowers.	14 & 15 in.	16 & 17 in.	18 & 19 in.	20 & 21 in.		
	$1.70	$1.80	$1.90	$2.00		

"Planet Jr." Garden Tools for 1898.

Prepaid TO BUYERS.

Prepaid Everywhere in the U. S. East of the Rocky Mountains.

THESE Standard Garden Tools prepaid to customers of Vaughan's Seed Store from Chicago or New York! To all railway stations in the U. S. east of the Rocky Mountains, if order for Tools, or Tools and Seeds, combined, amounts to not less than $7.50 (Tools only, not seeds, etc, prepaid, unless so offered in our other pages.) Our two central locations, Chicago aud New York, offer us the best possible shipping advantages, which we now give our customers in the delivery of these garden tools. **Planet Junior Catalogue Free.**

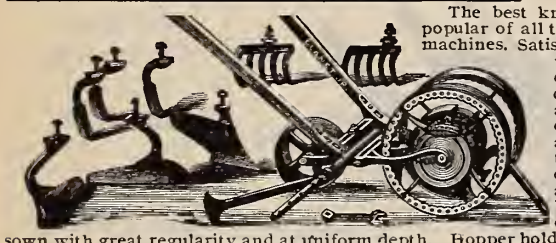
COMPLETE PLANET JUNIOR Descriptive Catalogue SENT FREE.

"Planet Jr." No. 4 Combined Hill Dropping Seeder and Single Wheel Hoe, Cultivator, Rake and Plow.

It drops in hills at 4½, 6, 9, 12, 18 and 26 inches apart and in drills any thickness, handling the smallest paper of seed perfectly and to the last grain and is simple, durable and very light-running. The hopper contains two quarts. The index is accurate, plain and easily set. The drill is quickly detached and the tool frame substituted. It then becomes the most admirable Single Wheel Hoe of this "Planet Jr." family. It has a fine garden plow, two elegantly shaped, new style hoes, three delightful cultivating rakes, made new form and specially to fit 6, 9, 12, 14 and 16 inch rows, three cultivator teeth and a practical leaf guard. **Price, "Planet Jr." No. 4 Drill, Complete, $10.00.**

"Planet Jr." No. 4, Plain Drill, $7.00.

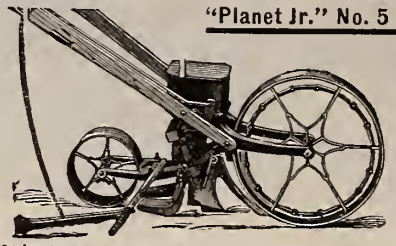
"Planet Jr." No. 1. Combined Drill and Wheel Hoe.



The best known and most popular of all the "Planet Jr." machines. Satisfactory in every way, both as a drill and as a cultivator. It has a complete set of cultivating tools and all its operations are rapid, easy, perfect and delightful. When used as a drill the seed is sown with great regularity and at uniform depth. Hopper holds one quart.

Price, $9.00.

"Planet Jr." No. 5 Hill Dropping Seeder.



Drops at 5, 6, 8, 10, 12, 16, 24 and 48 inches apart and also in a continuous row. Hopper holds four quarts. **Price, $12.00.**

"Planet Jr." No. 3 Hill Dropping Seed Drill.

This drill will sow in a continuous row but it will also drop neatly in hills either 4, 6, 8, 12 or 24 inches apart. The hopper holds three quarts. It is changed in a moment from hill dropping to drill work. It has a force feed; sows equally as well whether the hopper is full or contains only a paper of seed, and will not injure delicate seed. **Price, $9.00.**

"PLANET JR." No. 2. DRILL. As a seed drill, pure and simple it has a large sale. The sowing cylinder holds 2½ quarts It sows in an even, regular stream whether there is much or little in the hopper. (Award at World's Fair.) **Price, $6.50.**

EXTRAS. (We can furnish extra parts of all PLANET JR. Tools. In ordering "Extras" the figure and number should be given besides name of part. Send for repair list.

"Planet Jr." No. 11 Double Wheel Hoe.

This tool, first offered for 1898, *combines the good points of its predecessors with valuable new ideas.* It has 11-inch wheels, which can be set at *four different distances apart;* the frame can be set at *three different heights.* The handles are adjustable and, being attached to the arch, are *entirely undisturbed* in making any changes. The arch is of *stiff steel, unusually high.* The design of the frame allowing all changes of tools to be made *without removal of the nuts* from the standards. A pair of new model rakes and a pair of new style hoes are added to the usual equipment—*seven pairs of tools in all.* The whole set shown in the cut goes with the complete tool. The variety of work possible with this machine is incredible. **Price, No. 11 complete, $8.00. No. 11,** without rakes, small hoes and leaf lifters, **$6.00.**

No. 11, with one pair of 6-inch hoes only, **$4.00.**

THE "PLANET JR." NO. 15 SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW.

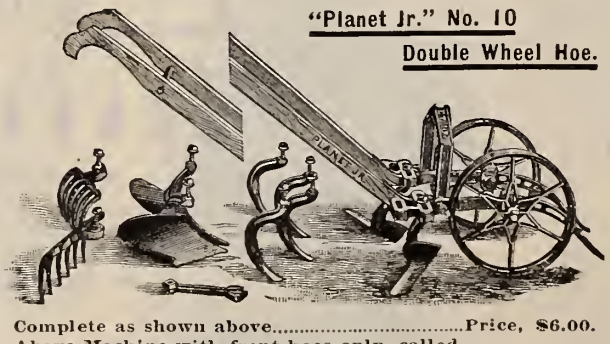
This latest and best Wheel Hoe, improved greatly for 1898, has an 11-inch wheel, with broad face, and a conveniently arranged and a very full set of tools, *several of them being of new, special design.* It is very light and strong and easy running; has three more tools than the old Planet Jr. and does a much greater variety of work and does it better. Has adjustable handles and frames. It is a most perfect tool for market gardeners or for private use **No. 15, Complete, $6.00.**

No. 15, with one pair of hoes, three cultivator teeth, plow, new pattern 7-tooth rake and leaf lifter, **$4.00.**

No. 15, with one pair of hoes, three cultivator teeth and leaf lifter, **$5.00.**

No. 15, with one pair of 6-inch hoes, **$3.00.**

"Planet Jr." No. 10 Double Wheel Hoe.



Complete as shown above.....Price, $6.00.

Above Machine with front hoes only, called PLAIN DOUBLE WHEEL HOE.....Price, $3.50.

"PLANET JR." SINGLE WHEEL HOE.

The rakes and cultivator teeth and the hoes and plow enable the operator to perform almost every variety of work, either in the field or garden. The frame is quickly raised or lowered to regulate depth; the wheel has an extra broad face. **Price, $4.50.**

"FIRE-FLY" SINGLE WHEEL HOE, CULTIVATOR AND PLOW.

This tool is exactly the same as the "Planet Jr." Single Wheel Hoe, excepting that it does not have the rakes or leaf lifter. **Price, $3.75.**

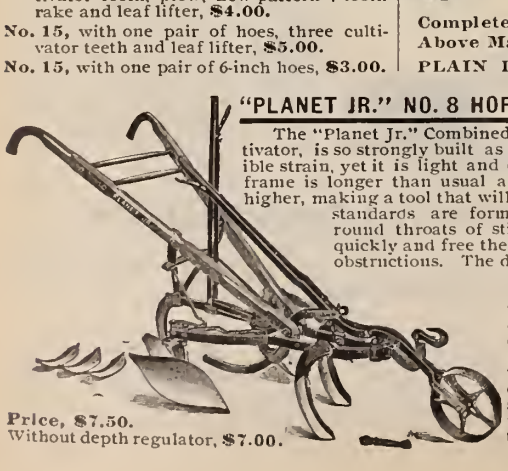
"FIRE-FLY" WHEEL GARDEN PLOW.

Price, $2.00.

"PLANET JR." NO. 6 HORSE HOE.

Similar to No. 8, except that it has no depth regulator. **Price, $6.75.**

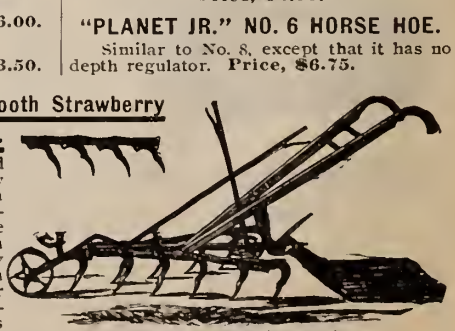
"PLANET JR." NO. 8 HORSE HOE.



The "Planet Jr." Combined Horse Hoe and Cultivator, is so strongly built as to withstand incredible strain, yet it is light and easy to handle. The frame is longer than usual aud about 1½ inches higher, making a tool that will not clog easily. The standards are formed up hollow with round throats of stiff steel; they polish quickly and free themselves readily from obstructions. The depth is under perfect control by means of a new lever wheel and the new patented depth regulator. The expander, an entirely new pattern, superior to all other forms; exceedingly strong, simple, accurate and positive in all positions.

Price, $7.50.
Without depth regulator, **$7.00.**

The "Planet Jr." 12-Tooth Strawberry Cultivator and Harrow.



"PLANET JR." 12-tooth Strawberry Cultivator and Harrow.

This tool is much liked by gardeners. It is carefully made and finished, has a high frame and the chisel-shape teeth cut an inch wide each. It may be set with teeth trailing, by simply changing one bolt in each tooth. The lever pulverizer is a capital addition for preparing ground. Hand levers regulate both width and depth while in motion; it contracts to 12 inches and expands to 32 inches.

Price, plain, $4.90; With Wheel, $6.15; Complete, $7.50.

"PLANET JR." NO. 5 HORSE HOE.

This tool is similar to the No. 8 Horse Hoe, but it has a plain wheel aud does not have depth regulator or expander as No. 8. **Price, $6.25.**

Drills, Cultivators, and Wheel Hoes. For Garden and Field Work.

The IRON AGE Garden Tools.

THESE have recently become immensely popular, owing to their new and up-to-date construction. They are equipped with high, steel wheels, very light, tubular frame connected to malleable iron castings —really bicycle construction, and in consequence they are exceedingly light, convenient, easy to handle and very handsome in appearance.

☞ **Orders for these Tools,** or for Seeds and Tools (seeds not prepaid unless so offered on other pages) amounting to $7.50, will be prepaid to any Railroad Station in the U. S. within 500 miles of Chicago or New York.

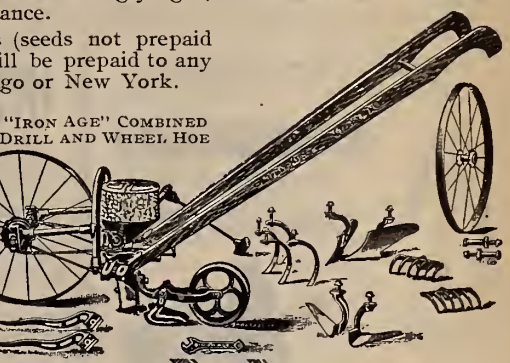
☞Illustrated Catalogue Free on application.

THE "IRON AGE" COMBINED SEED DRILL AND WHEEL HOE.

We show our friends in this tool what is evidently the most complete implement of the kind ever offered; it seems to be a whole tool house of itself. It is a seed drill, a double wheel hoe, a single wheel hoe, a cultivator, plow and rake. It is converted into a perfect seeder by the drill attachment, which is quickly and easily placed in position, and which is simple in operation, has no gearing, screws or springs to get out of order. The adjustment for various seeds is perfect. No machine of this class runs easier, owing to the light weight, tubular frame and high wheel. **$9.00.**

THE "IRON AGE" DRILL, (without cultivating attachments) $6.50.

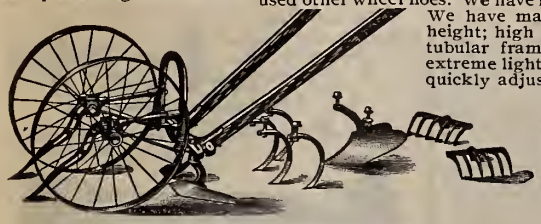
THE COMBINED "IRON AGE" set up as a Single Wheel Hoe.



THE "IRON AGE" COMBINED SEED DRILL AND WHEEL HOE

"IRON AGE" DOUBLE WHEEL HOE.

Higher wheels, lighter tools and stronger castings, have been called for by our customers who have used other wheel hoes. We have in this Hoe remedied such defects. We have made very light steel wheels, 16 inches in height; high arch, capable of working 20-inch plants; tubular frame coupled to malleable castings, giving extreme lightness with freedom from breakage; wheels quickly adjusted in height without entirely removing the axle nuts; they not only can be placed inside the frame for working in narrow spaces, but an extra axle is sent out with each tool, making a perfect Single Wheel Hoe. We emphasize this point strongly, as a single wheel is certainly preferable in all garden work, with the single exception of working astride the row. **$6.00.**



THE "IRON AGE" COMBINED MACHINE, set up as a Double Wheel Hoe.

Price, (as shown in illustration, without the Drill), $6.00.

THE "IRON AGE" SINGLE WHEEL HOE, Cultivator, Plow and Rake.

This tool is, in regard to the work done, almost a counterpart of the Double Wheel Hoe, and the same remarks as to its construction, extreme lightness and ease of operation will apply with equal force. **$4.50.**

VAUGHAN'S CULTIVATOR HARROW.

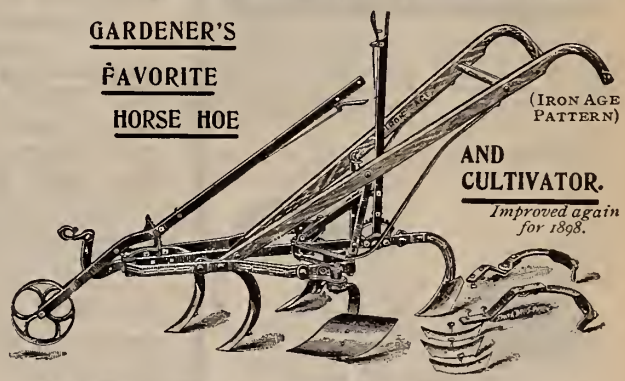
This expanding Harrow with its *reversable* diamond pointed teeth, about two inches wide, play havoc with weeds and mellows the soil. *One of the most effective horse tools for the garden, farm, nursery, or orchard.* It has a light, open steel frame, while each tooth, being secured to the frame by a steel clip, can, by the simple loosening and tightening of a nut, be adjusted in depth, reversed, taken out, sharpened or replaced. *Look out for cheaply put up imitations. Don't buy them.* See what we say of material used in our Favorite Horse Hoe, this tool is put up in the same, most thorough manner.

Price, $4.00; Wheel, extra, **65c.; Rear Sweep,** extra (*see cut*), **$1.00.**

GARDENER'S FAVORITE HORSE HOE AND CULTIVATOR.

(IRON AGE PATTERN)

Improved again for 1898.



Only those engaged in selling or making this class of implements can realize the great advances in recent years. From clumsy wooden frames to those of iron; and these again have given place to the tool of to-day, made mostly of *steel*—lighter, graceful, and of marvelous strength. Our Gardeners' Favorite Horse Hoe and Cultivator made by the "Iron Age" Factories has been kept up to date *yearly*, no point of advantage being omitted in the new tool as made for us each Spring. It is made of extra quality steel, very solid construction, with novel Horse Hoe and other attachments adapted for all purposes is today at the head. Many forms and combinations of this splendid tool and its attachments will be found below, and no progressive farmer should be without one or more of these machines. The special prices made by us will be found as attractive as the goods themselves. (We supply teeth of either pattern shown above, Fig. 1, 2 or 3—mention shape in your order.)

ANOTHER BARGAIN.

THE GENUINE "IRON AGE" FIVE-TOOTH CULTIVATOR.

We supply rounded (Fig. 2) or flat (Fig 1) diamond shaped teeth, and with or without wheel.

Price, with wheel, **$3.60;** without wheel, **$3.25.**

The Ranney Celery Hiller and Digger.

Complete Descriptive Circular sent on application.

The Ranney Celery Hiller	**$75.00**
The Ranney Celery Digger	**75.00**
The Ranney Celery Hiller and Digger Combined	**125.00**
"Planet Jr." Double Celery Hiller	**10.50**

Some of our largest growers of Celery claim to hill their celery with this tool without any handling whatever.

"Planet Jr." Single Celery Hiller **9.00**

The single hiller runs lighter than the double and throws rather higher; excellent help in burying crop.

☞Both Single and Double Machines have lever expanders.

GARDENERS' FAVORITE CULTIVATOR AND HORSE HOE.

G. F. Plain 5-tooth Cultivator	**$3.60**
G. F. " 5-tooth Cultivator and Wheel	**4.20**
G. F. Horse Hoe and Cultivator, with Lever Wheel	**6.15**
G. F. " " " " " & expander	**7.00**
G. F. Horse Hoe and Cultivator with Lever Wheel and Furrow Closing Attachment	**8.25**

SEPARATE PARTS, each as follows:

Horse Hoe Steels, with rear plow, **$1.25; Plain Wheel, 65c.; Lever Wheel, $1.00; Lever Expander, $1.00; Leveler, 85c.; Weeder, $1.00; REAR PLOW, 30c.**

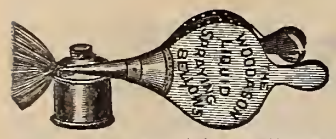
CULTIVATOR TEETH, each, either pattern 1, 2, or 3 (*see cut*), **20c.;** set of five, **80c.** Write for complete "Iron Age" Catalogue.

ACME PULVERIZING HARROW, CLOD CRUSHER AND LEVELER, NO. 17. A two-horse size riding harrow, works 6½ feet wide and is the cheapest riding harrow on earth. **Price, $15.00** (whiffletrees and neck-yoke, extra.)

☞ **SEND FOR ILLUSTRATED DESCRIPTIVE CIRCULAR.** ☜

GARDEN AND FARM TOOLS AND REQUISITES.

Prices given below do not include prepaying of charges except where noted.



Woodason Vaporizing Bellows.

Throws a spray fine as mist, rendering the use of strong solutions perfectly safe on tender plants. Large size, $2.00.

Bellows. — Used for dusting plants with sulphur or like material. Two sizes, each, $1.00 and $1.25.

Whitnall's Dandelion Puller, 25c. postpaid, 40c.

Dibber.—For transplanting vegetable plants; steel point very desirable. Each, 30c.; postpaid, 40c.

Hose, Red Rubber. — Three ply, extra-heavy. We keep it in lengths of 25 and 50 feet, and these we do not cut. Price, ¾-inch (including couplings), per 25 feet, $3.75; 50 feet, $7.00; 100 feet, $13.00.

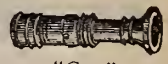
Hose, Rubber, "Standard Brand."—¾-inch, 3-ply; will give good service, 25 feet, $3.00; 50 feet, $5.50; 100 feet, $10.00; price includes couplings.

Hose, Rubber, Sphincter Grip.—Armored hose, very reliable, ¾-inch, 50 feet, $7.50; 100 feet, $15.00; price includes couplings.

Hose Menders, Iron. — For ¾-inch hose, each, 4c.; per doz., 45c.; by mail, add 3c. each for postage.

—Wooden.—Price, for ¾-inch hose, per doz., 40c.; by mail, 45c.

"Gem" Nozzle.—Throwing all variations from fine spray to streams, for ¾-inch hose, each, 60c.; by mail, each, 70c.

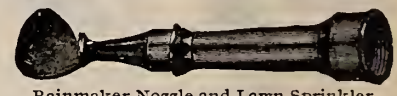


"Gem."

Standard Hose Nozzle.—With stream and 2-inch spray, each, 80c.; if by mail, 95c.; same with 2½-inch spray, $1.00; if by mail, $1.15.

Standard.

Hose, Reel, "Holly."—Best in the market. Capacity 100 feet, ¾-inch hose. Each, $3.00.

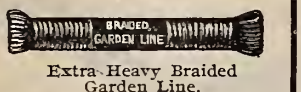


Rainmaker Nozzle and Lawn Sprinkler. 50c.; by mail, 60c.

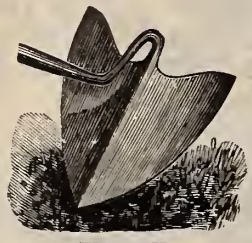
Woodason Powder Bellows.

Single cone, each, $1.75; Double cone, each, $2.75.

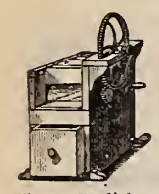
Garden Line Reel, 40c.



Extra Heavy Braided Garden Line. Per 100 feet, 60c.; by mail, 70c.; 200 feet, $1.00, by mail, $1.20.



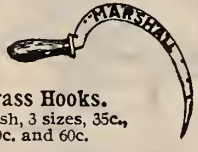
Warren Hoe. No. 1, 50c.; No. 2, 60c.



Horse Radish Grater, capacity, 25 lbs. of roots per hour; weight, 38 lbs., $7.00.

Finger Spade.—Can be worn with a glove, or without, and not only protects the finger from dirt and injury, but permits all kinds of operations in weeding and otherwise treating plants that cannot be performed with the bare fingers. Each, 10c.; 3 for 25c., postpaid.

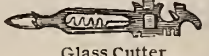
Grafting Wax.—Per ¼ lb. bar, 15c.; ½ lb. bar, 25c.; 1 lb. bar, 40c.; if by mail, add 10c. per lb.



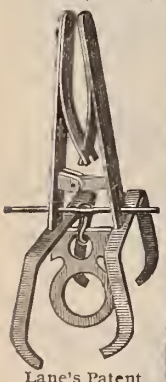
Grass Hooks. English, 3 sizes, 35c., 50c. and 60c.

GARDEN ROLLERS.

1 section, 12 x 24, about 200 lbs	$10.50
1 section, 12 x 28, about 250 lbs	12.25
2 section, 12 x 20, about 275 lbs	13.25
2 section, 12 x 25, about 365 lbs	16.50
2 section, 12 x 28, about 440 lbs	19.50



Glass Cutter and Glazing Tool, 10c.



Lane's Patent Mole Trap. The Best cheap Trap made. 8 inches high. Price, each, 50c.; by mail, 60c.

Hale's Mole Trap, Each, $2.00.

Diamond Glass Cutter. Each, $3.25.

INSECT DESTROYERS.

Liquid insecticides cannot be sent by mail.

Ant Exterminator.

A non-poisonous powder which will kill or drive away ants from lawns, etc. Per box, 50c.; by mail, 60c.

Fir Tree Oil.—A most popular and best all round insecticide for greenhouse, and house plants, especially for mealy bugs, scale, red spider, black and green aphis, thrip, lice, worms, and slugs. Full directions with each bottle. Small bottle, 25c.; ½ pt., 40c.; pt., 75c.; qt., $1.25, gallon, $4.00.

Tobacco Stems.—For fumigating plants infested with green flies, etc, Per lb., 15c.; bale, $1.00.

Bordeaux Mixture.—Prevents black rot, mildew and rust. Destroys all fungus growth on vegetation. Qt., 25c.

Grape Dust.—Excellent for the prevention and destruction of mildew on plants. Per lb., 10c.; 5 lbs., 35c.; if by mail, add 10c. per lb.

Thrip Juice. — Destructive for mealy bugs, scale, thrip, black lice, codling moth, canker worm, elm-leaf worm, beetles, caterpillars, etc. Per pint, 40c.

Solution of Copper.—For use on trees, vines, or vegetables, affected with rot, blight or scab. Good for the black spot on the rose and the mignonette disease. Per qt., 50c.

Fostite.—A preventive and cure for fungoid diseases against mildew, black rot, leaf blight, rust, etc., affecting vines, fruits and vegetables. Per lb., 15c.; 5 lbs., 50c.; if by mail add 10c. per lb.

FOR APHIS OR GREEN FLY, ROSE BUGS, CURRANT WORMS, SLUGS, AND CATERPILLARS, ETC.

Powdered White Hellebore.—Less poisonous than Paris Green and safer to use when fruit or vegetables are nearly ripe. Per lb., 20c.; by mail, 30c.

Persian Insect Powder.—Lb., 40c.; by mail, 50c.

Paris Green.—Per lb., 25c.; by mail, 35c.

SLUG SHOT, Hammond's. — GUARANTEED to destroy Potato bugs and those on Tomato and Egg Plants, Currant Worms, Cabbage Lice and Worms, Fleas, Beetles and Striped Bugs on Melons, Turnips, Beets, Onions, etc., Canker Worms and Caterpillers on Fruit and Ornamental Trees. Price, 5 and 10 lb. packages, 6c. per lb.; 25 to 50 lbs. at 5c. per lb. By barrelful, in bulk, 240 lbs., $9.50 on cars; 3 barrels in bulk at 3½ cts. per pound.

SLUG SHOT DUSTER.—Made of tin, with handle and perforated bottom, holds ½ gallon, 35c.

Tobacco Dust.—One of the best remedies for green and black aphis, fleas, beetles, etc., also for insects in the ground. Lb., 10c.; by mail, 20c., 5 lbs., 25c.; 10 lbs., 40c.; 100 lbs., $2.50.

Rose Tobacco Soap. — One of the best for green flies on roses. Per ½ lb. box, 25c.; by mail, 30c.; 2 oz. pkt., 10c.

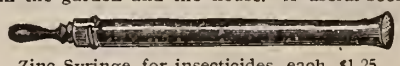
Fir Tree Oil Soap.—For thrip, red spider, black and green flies, mealy bugs, worms and slugs. Per ½ lb. tin, 25c.; by mail, 30c.

Whale Oil Soap.—Makes an excellent wash for trees and plants where insects and eggs affect the bark. Per lb., 15c.; 2 lbs., 25c.; 5 lbs., 50c.; by mail, add 10c. per lb.

Nikoteen.—Highly concentrated. Is the most powerful insecticide, the best thing to destroy insects on roses. Pint, $1.50.

Kerosene Emulsion.—For plant lice of any kind, cabbage worms, scale, insects on trees. 2 qt. can, 35c.

"HOW TO DESTROY INSECTS" on plants and flowers in the garden and the house. A useful book, 25c.



Zinc Syringe, for insecticides, each, $1.25.

Hoes, Scuffle. — Price, without handles, each, 6-inch, 30c.; 7-inch, 40c.; 8-inch, 45c.; 9-inch, 50c.; 10-inch, 55c.

EUREKA FUMIGATOR, Galvanized.

No. 1, Holds ½ peck of stems	$ 1.25
" 2, " 1 " "	2.00
" 3, " ½ bush "	2.50
" 4, " ¾ " "	3.50

Appleby's No. 1, $1.00; No. 2, $1.25.

Common Flower Pots and Saucers.

2-inch pots	Doz.,	20c.	Per 100,	$	.90
3 " "	"	25c.	"		1.25
4 " "	"	35c.	"		2.00
5 " "	"	45c.	"		2.75
6 " "	"	60c.	"		4.00
7 " "	"	1.00	"		7.50
8 " "	"	1.75	"		12.00
10 " "	Each,	35c.			
12 " "	"	60c.			

● SAUCERS. ●

3-inch	Doz.,	15c.	7-inch	Doz.,	50c.
4 "	"	20c.	8 "	"	80c.
5 "	"	30c.	10 "	Each,	20c.
6 "	"	40c.	12 "	"	30c.

Knife Hones.—Tam O'Shanter, imported, 20c., postpaid, 25c.

Knives, Asparagus.—Imported. Each, 90c.; by mail, $1.00.

—Asparagus.—American. Each, 35c.; by mail, 45c. Also used to cut Dandelion plants, out of the lawn, etc.

—Budding.—English, ivory handle, $1.00, by mail, $1.10.

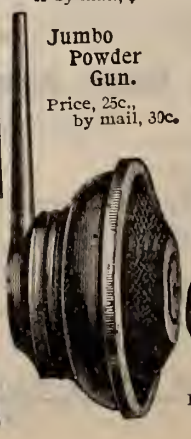
— —Brass handle, Vaughan's brand, 50c.

— —Black Handle, ivory tip, strong, 70c.; by mail, 85c.

—Pruning.—Stag handle, English, each, $1.20; if by mail, $1.25. American, a good tool, 75c.

Jumbo Powder Gun.

Price, 25c., by mail, 30c.



Humphrey's Concave Potato Knife.

Cuts to one or more eyes without injuring the vital tissues.

Price, postpaid, each, 30c.; 6 for $1.50; dozen, $2.80.

GARDEN AND FARM TOOLS AND REQUISITES.—Continued.

◆——Prices given below do not include prepaying of charges except where noted.——◆

Leaf Mold.—For potting ferns and like plants. Bbl., $2.00.

Peat.—For potting orchids, etc., per bbl., $2.00.
——Imported English, used as above, 10 lbs., $1.00.

PENCILS.

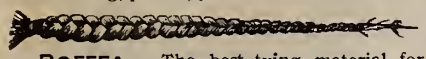
Wolf's Indelible.—For marking labels. Each, 10c.; doz., $1.00, postpaid.

PLANT STAKES.

Green painted, tapering. Very neatly finished, of light wood; very useful for tying plants, shrubs, etc. 25 of one kind at the 100 rate.

	Per Doz.	Per 100.		Per Doz.	Per 100.
Light, 1½ ft.	...20c.	$1.00	**Light,** 4 ft.	...65c.	$1.00
" 2 ft.	...25c.	1.50	" 5 ft.	...75c.	4.75
" 2½ ft.	...35c.	2.00	**Heavy,** 3 ft.	...70c.	4.50
" 3 ft.	...50c.	3.00	" 4 ft.	...80c.	5.50
" 3½ ft.	...55c.	3.50	" 5 ft.	...$1.00	6.75

Bamboo or Cane.—Can be cut to any size, 5 to 7 ft. long, per 100, $1.00.



ROFFEA.—The best tying material for plants. Per lb., 25c.

LAWN RAKES.

Automatic Self Cleaning.—Twenty-six wood teeth. Each, $1.00.

Hustler.—Twenty-four wire teeth, Each, 60c.

RUSTIC HANGING BASKETS.

Diameter bowl, each, 8-inch, 75c.; 9-inch, 85c.; 10-inch, 95c.; 11-inch, $1.00; 12-inch, $1.10; 14-inch, $1.50. Price on lots of 6 or more on application

RUSTIC STANDS.—Oblong, 26 inches high, 24 inches long, 8 inches wide, 6 inches deep. Each, $3.00.
——28-inch high, 26 inch long, 9-inch wide, 7-inch deep. $3.50.

SAWS.—Double Edge Pruning.—Holes are provided in the handle for attaching to a pole; 16-inch, 75c.; 18-inch, 85c., 20-inch, $1.00

SCYTHE BLADE.—Best Dutchman, $1.00
——**For Lawn.**—Each, $1.00.
——**Scythe Snath.**—Each, 85c.
——**Stones, Talacre.**—Imported, each, 20c.

SEED TRYER.—Pocket, nickel plated. $1.25.

SHEARS.

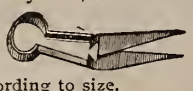
Hedge.—Best imported English steel, 8-inch, $1.50; 9-inch, $1.75; 10-inch, $2.00.

Border.—English, long handles, 8-inch, $2.00; with wheel, $2.50; 9-inch, $2.25; with wheel, $2.75.

Wiss' Pruning.—A first-class durable shear.
No. 1. Price, each, $2.10; by mail, postpaid, $2.25.
" 2. " " 1.85 " " 2.00.
" 3. " " 1.60 " " 1.75.

Lee's Pruning.—Improved spring, each, 8-inch, $1.20; 9-inch, $1.40; if by mail, add 15c.

Sheep.—*See cut.* For trimming grass on edges and around flower beds, each, 50c. and $1.00, according to size.



Vine Scissors.—Nickel plated, 8-inch, 75c.

SEA SHELLS.

White, for bordering flower beds, 100, $2.00.

SPRINKLERS.

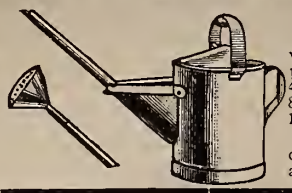
Scollay's Rubber.—Indispensible for Floral work and Window Gardening. Beware of imitations, this is the best. Large, $1.00; if by mail, $1.10; medium, 75c.; if by mail, 82c.; small, 60c.; if by mail, 65c.

Merrill's Rotary (Butterfly.)—The cheapest and best sprinkler made. Each, 30c., postpaid.

"Rain maker."—The best Lawn Sprinkler in the market, 50c.; postpaid, 60c.

Gray's Paris Green.—Best tin reservoir for strapping on back and distributing liquid Paris Green through spray. Each, $3.75.

Boston Rose Spray Nozzle.—Brass, ¼-inch hose, handy for sprinkling grass, etc. Each, 75c.; by mail 85c.



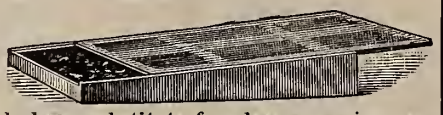
WATERING POTS.

American.—Heavy galvanized round cans with copper-faced roses, long spouts. 4 quart, $2.00; 6 quart, $2.10; 8 quart, $2.25; 10 quart, $2.50; 12 quart, $2.75.

French Style.—Oval; otherwise same make as above, 8 qt., $2.40; 10 qt., $2.85.

PLANT BED CLOTH.

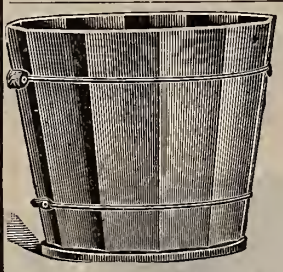
FOR FLOWER BEDS.



Splendid cheap substitute for glass, answering many uses equally well. Light and easily shipped anywhere. It is of stout tarred muslin that sheds water; protects against weather.

20 yds. and upward.	50 yds. and upward.	100 yds. and upward.
Light, per yard, 5c.	per yard, 4½c.	per yard, 4¼c.
Medium, " 8c.	" 7½c.	" 7¼c.
Heavy, " 12c.	" 10½c.	" 10¼c.

We do not sell less than 20 yards of a kind, as it is made in pieces containing 40 and 65 yard lengths.



COLUMBIAN FLOWER TUBS.

These tubs being made of the best pine lumber will keep for years without rotting. They are made of 12 staves in tapered shape, held together by two steel wires, which are connected with substantial iron handles, and so arranged that the wire can be tightened or loosened by simply turning nut on handle. We carry them in five sizes, as follows:

No. 1, Plain. Natural varnish finish on the wood, or if wanted can finish in oil paint.	Each.	**No. 2, Fancy.** Staves are finished alternately imitation redwood and natural varnish finish.	Each.
12 by 11 in.	$1.00	12 by 11 in.	$1.50
15 by 14 in.	1.50	15 by 14 in.	2.25
18 by 16½ in.	2.00	18 by 16½ in.	3.00
21 by 18½ in.	2.50	21 by 18½ in.	3.75
24 by 20½ in.	3.00	24 by 20½ in.	4.50

LABELS.

LABEL GLASSES.—Per doz., 35c.; per 100, $2.50.

Wooden Labels.—For Pots, painted 4-inch, per 100, 15c.; per 1000, 75c.; 6-inch, per 100, 25c. Prices on larger sizes given on application.

SYRINGES.

BRASS.—14-inch, 2 spray and 1 straight stream, for small greenhouses or window, $2.75.

No. 5, Greenhouse Syringe.—18-inch barrel, $5.75. This is an excellent tool, strong and highly finished.

ENGLISH.—Brass, 18-inch barrel, with two different sprays and one stream, $4.00.

WEEDERS.

Combination.—Each, 25c.; by mail, 35c.

—— **Noyes'.**—Each, 25c.; 6 for $1.20; by mail, each, 30c.

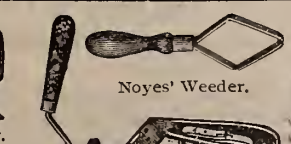
—— **Hazeltine.**—Of the best, solid steel, good size and durable. Each, 20c.; if by mail, 25c.; per doz., $2.10.

—— **Excelsior.**—A very useful little tool. For weeding seed beds, stirring the ground, etc. Each, 10c.. by mail, 15c.; 6 for 50c.; doz., 90c., not prepaid.

—— **Lang's Hand.**—Allows use of hand in working. Each, 20c.; if by mail, 25c.; per doz., $2.25.

Hand Weeding Fork.—Imported, each, 50c.; by mail, 60c.

Combination Weeder.



Noyes' Weeder.

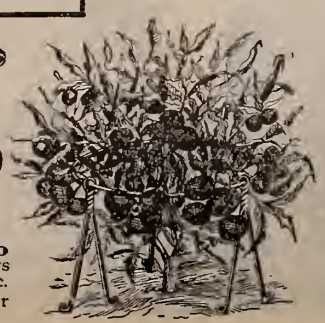
Lang's Weeder.

Hazeltine.

Excelsior Weeder.

Self-closing Tomato Support.—(*See cut*). It pays for itself in aseason. Each, 15c.

WHEELBARROW.—Best for garden, $4.00.



THISTLE CUTTERS.

Narrow blade, with handle; for removing thistles or weeds from lawns. With foot-rest, 50c.

THERMOMETERS.

These cannot be sent by mail.

Tin Case.—8-inch, each, 15c.; 6 for 75c.

Cabinet.—Wood case, 50c.; 3 for $1.35.

Imported German.—All glass, very accurate, for propagating and hot beds, $1.00.

American Hot Bed.—Brass Point, wooden frame, $3.00.

Self-Registering.—With magnet to set it, 8-inch, each, $2.75. Registers highest and lowest temperature.

TRANSPLANTERS.

The Avery.—Plants removed by it do not wilt. Price, single-hand size, each, 50c.; by mail, 60c.; large two-hand size, $2.00.

TRELLISES.

Fan Shaped.—18-inch, 15c.; 3 for 40c.; 24-inch, 20c., 3 for 50c.; 30-inch, 25c., 3 for 60c.; 3½ ft., 21-inch wide, 40c., 4 ft., 27-inch wide, 50c.; 5 ft., 32-inch wide, 60c.; 6 ft., 38-inch wide, 70c.; 7 ft., 42-inch wide, 80c.

Veranda.—18-inch wide, 5 ft., 55c.; 6 ft., 65c.; 7 ft., 75c.; 8 ft., $1.00; 9 ft., $1.10; 10 ft., $1.25.

TREE PRUNERS.

Water's.—*See cut.* Length of pole, 4 ft., 50c.; 6 ft., 75c.; 8 ft., 90c.; 10 ft., $1.00; 12 ft., $1.10. Extra knives, each, 20c.

Lee's New Pole Tree Pruner. Can be placed on a pole of any size. Price, each (without pole), $1.00.

TURF EDGER.

American. *See cut.* Each, 50c.

TROWELS.

Vaughan's Steel.—*Absolutely the best Trowel in the World.* It is of one solid piece of steel, and will outwear several of the ordinary sort. Each, 50c.; 3 for $1.40. Postpaid, each, 60c.

Cleves' Angular.—By mail, 25c.

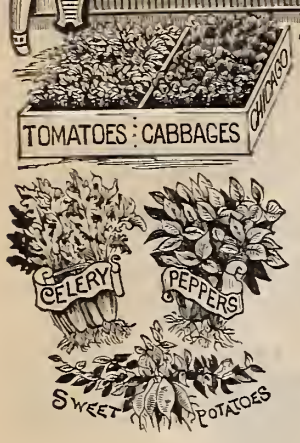
Ordinary Garden Trowel.—6-inch, each, 12c.; prepaid, 20c., half doz., not prepaid, 60c.; 7-inch, each, 15c.; prepaid, 23c.; half doz., not prepaid, 80c.; 8-inch, each, 20c.; prepaid, 28c., half doz., not prepaid, $1.00.

Imported English Steel.—Light, and very durable, 6-inch, 25c.; 7-inch, 30. By mail, add 10c.

Transplanting Trowel.—Each, 50c; if by mail, 60c.

Dean's Automatic Setting Mole Trap. $1.25 each.

VAUGHAN'S TRANSPLANTED VEGETABLE PLANTS



These prices are for shipment from Chicago. Send for prices to our New York store if shipment is to be made from there.

THESE plants are grown from seed supplied by us, thus insuring genuineness of all the plants we offer. They are grown especially for our shipping trade and our method of packing is unexcelled. Our experience and knowledge enables us to SHIP IN THE RIGHT CONDITION AND AT THE RIGHT TIME, WELL PACKED AND ON SHORT NOTICE. Such knowledge is valuable to every buyer who can ill afford to take any risk of delay or of receiving poor plants in poor condition, when the season demands prompt work. PRICES DO NOT INCLUDE PREPAYMENT BY MAIL. If wanted by mail add 6c. per doz.; 12c. for 50; 20c. per 100.

Send for our Special Summer Price List of Cabbage, Celery and Cauliflower Plants, ready by June 1.

Cabbage, Early.—Ready April 20. Extra Early Wakefield, All Seasons, Early All-Head, Early Spring and Extra Early Red Erfurt. Per 1,000 $4.25; 100, 55c.; 50, 35c.; doz., 15c.

Cauliflower, Early.—Ready April 15. Snowball and Extra Early Erfurt. Per 1,000, $6.00; 100, 75c.; 50, 45c.; doz., 20c.

Cauliflower, Second Early.—Ready May 1. Snowball and Extra Early Erfurt. Per 1,000, $5.00; 100, 60c; 50, 35c.; doz., 15c.

Celery, Early.—Ready June 1. White Plume, Golden Self-Blanching, Giant Golden Heart, Pink Plume and Turnip-Rooted. Per 1,000, $4.00; 100, 50c.; 50, 30c,; doz., 15c.

Chives.—Clumps by express, 10c.; doz., $1.00. By mail, 10c. each extra.

Egg Plant. — Ready May 15. New York Improved Purple; Per 100, $1.00; 50, 60c.; doz., 20c.

Horseradish Sets.—100, 75c.; 500, $3.00. 50, 50c., postpaid.

Hop Roots.—Plant early. Doz., 20c. By mail, add 5c. doz.

Pepper.—Ready May 15. Bell or Bull Nose, Sweet Mountain, Extra Ruby King and Cayenne. 100, $1.00; 50. 60c.; doz., 20c.

Rhubarb Roots.—Seedlings. Each, 10c.; doz., $1.00. postpaid. Clumps, 15c. each; doz., $1.25, by express.

Sweet Potato.—Ready May 15. Extra Early Carolina. Yellow Nansemond and Red Jersey. 1,000, $2.50; 100, 35c.; 50, 20c.

Tomato.—Ready May 15. Acme, New Stone, Dwarf Champion and Beauty. Per 1,000, $7.00; 100, $1.00; 50, 60c.; doz., 15c.

Concentrated "Jadoo" Liquid.

Both Meat and drink to plants. Price of "Jadoo" Liquid, by freight or express, at buyer's expense: 10 gallons in jacketed can, $7.50; 5 gallons in jacketed can, $3.75; 2 gallons in jacketed can, $1.50; pint bottle, 25c.; 2 dozen pints in one case, $3.50. Mix with the "Jadoo" Liquid before using, 48 parts water to one part Liquid. This will not only be found useful for plants grown in "Jadoo" Fibre, but also for watering plants in earth. It is claimed to be a cheap and effective fertilizer.

"JADOO" FIBRE.

A new material in which plants thrive without earth.

Price of "Jadoo" Fibre by freight or express, at buyer's expense: A bag of about 3½ bushels, 120 pounds, $3.60; 25 pounds in box, $1.10; 10 lbs., 50c.; 5 lbs., 30c.

"GARDENING."

...THE LEADING... HORTICULTURAL MAGAZINE.

Is issued every two weeks at $2.00 a year and contains only practical, useful, seasonable matter, exactly on the line indicated by its name. It is neither padded with worthless general news nor overloaded with scientific articles. It simply tells how to sow and what to do in a practical, attractive way. Have you not needed such a garden paper? Are you still looking for it? The publishers of GARDENING have decided that the best advertisement of their journal is a trial of it.

We wish everyone in America who loves a garden could afford to subscribe for GARDENING. Its aid in beautifying home surroundings and generally advancing American horticulture would be incalculable. To extend its circulation, for the general good, we now offer it to all our customers who spend as much as $2.50 with us this Spring, *at one-half the subscription price;* that is, any such customer can have from us *a year's subscription for $1.00 or six months' for fifty cents. TRY IT* for at least six months (12 numbers); we are sure you will find it worth the money.

RARER VEGETABLES AND HERBS.

How to Cook and Use.

A Boon to Housewives.

Many of the rarer vegetables—especially those imported from France and Germany—are comparatively little known to the American housewife. In order that the true delicacy and distinctiveness of flavor of these choice kinds may be best secured and appreciated, we have prepared a Cooking Pamphlet. This book contains a collection of the best recipes for the preparation and cooking of these rare and odd vegetables. We also give other excellent, but less known recipes for cooking the older varieties, with some notes regarding the use of herbs and plants for the flavoring or garnishing of other dishes. Price, 25 cents, or free to every customer who buys seeds to the amount of $3.00 or upwards and asks for same.

Hyacinths, Tulips, Daffodils, Crocus, Etc.

FOR FALL PLANTING.

WE IMPORT each season several carloads of these Bulbs and are in a position to supply the best of qualities at lowest possible rates.

About September First we issue our complete **Illustrated Autumn Catalogue.**

Please mention the fact ou your Spring order that you desire a copy mailed as soon as issued.

FERTILIZERS.

☞We earnestly request you to examine the analysis of our brands and compare them with other goods on the market. If you will look into this systematically, we feel you will have no difficulty in making up your mind where to place your orders.

NOTE OUR PRICE ON SHEEP MANURE.

Sheep Manure.

—*Especially recommended for roses and Flowering Plants.* Sheep manure is one of the very best fertilizers we have, used either in liquid form or mixed with the soil at the time of planting. We have proof of the power of sheep manure as a fertilizer if we look at the crops of grain produced on land that has been pastured with sheep.

Pulverized Sheep Manure.—In bags of about 100 lbs. Per 50 lbs., $1.25; 100 lbs., $2.35; 300 lbs., $6.50, if shipped from New York. Per 50 lbs., $1.10; 100 lbs., $2.00; 300 lbs., $5.00, if shipped from Chicago. Smaller lots, 5 lbs., 30c.; 10 lbs., 45c.; 25 lbs., 75c., by express.

MURIATE OF POTASH.

A form of potash salts to be used with Bone Meal, Bone and Blood or farm manures on fruits, celery, asparagus, corn, oats, turnips, cucumbers, grapes, buckwheat, carrots, onions, barley, peas, wheat, clover, beans and rye. Must not be used on hops, potatoes, tobacco, flax, sugar beets, cabbage or cauliflower, as it is injurious. 50 to 400 pounds per acre. 100 lbs., $3.00; 200 lbs., $5.80; 500 lbs., $14.00; 1000 lbs ,$27.50; 2000 lbs., $53.00.

SULPHATE OF POTASH.

A desirable form of potash to be used on all crops, but especially on tobacco, hops, potatoes, flax sugar beets, cabbage or cauliflower. Use 50 to 400 pounds per acre. 100 lbs., $3.50; 200 lbs., $6.75; 500 lbs., $15.50, 1000 lbs., $30.00; 2000 lbs., $58.50.

RAW BONE MEAL.

The best all around Fertilizer for garden, lawn and farm.

GUARANTEED ANALYSIS.

Nitrogen	3.70 to 4.53	per cent.
Ammonia	4½ to 5½	"
Total Phosphoric Acid	22 to 25	"
Total Bone Phospate	48 to 54	"

Our Raw Bone Meal is made from Hard Bones, is evenly ground, and very white and pretty in appearance. For such as prefer a raw to a steamed Bone we recommend our Raw Bone Meal—**Nothing Finer Can be Made.**

5 lbs., 25c,; 10 lbs., 40c.; 25 lbs., 70c.; 50 lbs., $1.25; 100 lbs., $2.00; 200 lbs., $3.50; 500 lbs., $8.00; 1000 lbs., $16.00; 2000 lbs., $30.00.

Guano, Peruvian, Guaranteed.—A standard fertilizer. Price, 5 lbs., 40c.; 10 lbs., 70c.; 50 lbs , $2.75; 100 lbs., $5.00. Write for price on larger lots, subject to market changes.

Nitrate of Soda.—Should be sown broadcast and it is very important to sow it *evenly*. Two or three pounds on a square rod will be beneficial. 25 lbs., $1.00; 50 lbs., $1.85; 100 lbs., $3.25; 200 lbs., $6.25; 500 lbs., $14.00; 1000 lbs., $27.50; 2000 lbs., $55.00. Subject to market changes.

Land Plaster, or Gypsum.—Used by many potato-growers. This is excellent to mix with Paris green at the rate of 100 pounds of plaster to one pound of Paris green. Bbl. of about 350 pounds, $2.00; 5 bbls. for $9.00. Write for prices on larger lots.

TRUCK AND CELERY MANURE.

ALL SOLUBLE.

GUARANTEED ANALYSIS.

Nitrogen	2.85 to 3.70	per cent.
Ammonia	3½ to 4½	"
Total Phosphoric Acid	10 to 12	"
Equal Bone Phosphate	21 to 26	"
Available Phosphoric Acid	8 to 10	"
Water Soluble " "	2 to 4	"
Potash, Sulphate	7.40 to 9.25	"
" K2 O	4 to 5	"

This brand has been prepared for such crops as require an extra quick, strong fertilizer, should be mixed well into the soil. Especially adapted for tobacco, hops, potatoes, flax, sugar beets, cabbage, cauliflower, celery, fruits, etc.; also very effective as an early top dressing for strawberries, suitable for all soils (except sour.)

25 lbs., 70c ; 50 lbs., $1.25; 100 lbs., $2.00; 200 lbs., $3.50; 1000 lbs., $15.50; 2000 lbs., $30.00.

BONE AND BLOOD.

For Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash salts, or hard wood ashes, and if so used it is especially adapted to fruits, if applied early.

GUARANTEED ANALYSIS.

Nitrogen	5.76 to 6.58	per cent.
Ammonia	7 to 8	"
Total Phosphoric Acid	10 to 12	"
Equal Bone Phosphate	21 to 26	"
Reverted Phosphoric Acid	5 to 7	"

Our "Bone and Blood," as its name indicates, is composed of Bones, Blood and Tankage from regular killing of hogs and cattle, cooked and steamed, well evaporated and dried out, thoroughly mixed and finely ground. Just the thing where a high nitrogenous Fertilizer is required.

25 lbs., 50c.; 50 lbs., 85c.; 100 lbs., $1.50; 200 lbs., $2.80; 1000 lbs., $12.50; 2000 lbs., $24.00.

High Grade Potato and Celery Manure.

BONE, BLOOD AND POTASH.

GUARANTEED ANALYSIS.

Nitrogen	4.11 to 4.94	per cent.
Ammonia	5 to 6	"
Total Phosphoric Acid	10 to 12	"
Equal Bone Phosphate	21 to 26	"
Available Phosphoric Acid	8 to 10	"
Water Soluble " "	6 to 8	"
Potash, Sulphate	12½ to 14½	"
" K2 O	7 to 8	"

Made of disolved Bone Meal, Dried Blood and with potash added, in the form of Sulphate. Is especially adapted for the culture of hops, tobacco, potatoes, celery, asparagus, corn, oats, turnips, fruits, cucumbers, grapes, buckwheat, tomatoes, carrots, onions, in fact, all root-crops, also for lawn. Used largely by florists for roses, etc.

25 lbs., 70c : 50 lbs., $1.25; 100 lbs., $2.00; 200 lbs., $3.75; 1000 lbs., $17.75; 2000 lbs., $35.00.

FRUIT AND ROOT CROP SPECIAL.

GUARANTEED ANALYSIS.

Nitrogen	1.65 to 2.46	per cent
Ammonia	2 to 3	"
Total Phosphoric Acid	10 to 12	"
Available Phosphoric Acid	8 to 10	"
Potash, K2 O	5 to 6	"

For fruit trees and small fruits, garden truck, tobacco, etc. Quick in starting, lasting in effect, giving firm, healthy growth and developing the fruit.

25 lbs., 60c.; 50 lbs., 95c.; 100 lbs., $1.65; 200 lbs., $3.25; 500 lbs., $7.00; 1000 lbs., $13.50; 2000 lbs., $26.00.

FOR LAWN AND GARDEN.

Analysis: 3½ to 4 per cent. Ammonia; 8 to 10 per cent. Phosphoric Acid; 4 to 5 per cent. Actual Potash. Price, 10 lb. pail, 50c.; 25 lb. pail, $1.00.

Horn Shavings.—Especially adapted to certain greenhouse plants. 5 lbs., 40c.; 10 lbs., 70c.; 25 lbs., $1.25; 100 lbs., $3.50.

BOWKER'S PLANT FOOD.—For all kinds of pot plants. It produces a vigorous growth and abundance of flowers. Odorless; drives insects out of the soil. Small package, containing food for 20 plants for 3 months, 15c.; 3 for 40c ; if by mail, add 5c. per package. Large package, containing sufficient plant food for one year, 25c.; 3 for 65c. If by mail, add 15c. per package.

Hard Wood Ashes, see bottom of Lawn seed page.

RURAL BOOKS.

THE PRICES QUOTED BELOW INCLUDE POSTAGE.

Art of Propagation. Treats of trees and plants $0 30
Asparagus Culture. Barns & Robinson; cloth 50
Barn Plants and Outbuildings. 257 illustrations 1 50
Bee Culture, A B C of. A. I. Root 1 25
Begonia, The Tuberous. History, cultivation and varieties; paper, 20
Broom Corn and Brooms. Illustrated; cloth 30
Bulbs and Bulbous Plants. Very complete; 16 pages 20
Cabbage, Treatise on. Gregory 30
Carnation Culture. L. L. Lamborn 1 50
Carrots and Mangels. Gregory; paper 30
Celery Manual. Vaughan's; paper 50
Chrysanthemum Culture for America. Their history, classification and care; illustrated. By James Morton. Cloth, $1.; paper, 60
Corn and Potato Manual. Vaughan's; a complete history of Indian Corn and the Potato, with full cultural notes; 32 pages 10
Farm Appliances. Illustrated; very valuable 1 00
Farm Drainage. French's; cloth 1 50
Farm Gardening and Seed Growing. Brill; cloth 85
Fertilizers. Gregory, paper 40
Floriculture, Practical. Henderson 1 50
Flower Bulbs. By Rexford; practical and valuable 25
Forcing Book, The. By Prof. Bailey. A manual of the cultivation of vegetables in glass houses; 266 pages, 86 illustrations 1 00
Forestry, Practical. By A. S. Fuller; cloth, illustrated 1 40
Gardening for Pleasure. New revised edition. Henderson 1 75
Gardening for Profit. Henderson, latest edition; cloth 1 75
Garden Making. Illustrated; by Prof. Bailey 1 00
Gold Fish and Its Culture. Cloth 90
Grape Culturist. Fuller's; cloth 1 40
Hand-Book of Plants. Henderson's new and revised edition 3 35
Home Floriculture. Rexford. Garden and house plants 1 50
Horticulturist's Rule Book. By L. H. Bailey. Very useful for fruit-growers, truck gardeners, florists and others; cloth 85
How to Destroy Insects on Plants, etc 25
How to Grow Cut-Flowers. A thoroughly practical work by the late M. A. Hunt, on this attractive subject. 225 pages; cloth; invaluable to any who is beginning this business, covering every department from erection of greenhouse to the packing of the product 2 00
How to Make $500.00 with 12 hens in one year, paper cover 1 00
Mangels, Treatise on. Gregory 30
Manures, Methods of Making. By Bommer; paper 25
Market Gardener, The Young. By T. Greiner 50
Market Gardening, Success in. Rawson 1 00
Mushroom Culture. Robinson's; cloth, illustrated 50
Mushrooms, How to Grow Them. By Wm. Falconer; cloth 1 40
My Handkerchief Garden. By Charles Barnard; paper 20
Onion Culture, The New. Greiner; second edition 45
Onions, Treatise on. By Gregory 30
Peanut Plant, Its Cultivation and Uses. Paper 40
Potato Culture, The New. E. S. Carman; paper, 40c.; cloth 70
Potato Culture, The A B C of. By A. Root 35
Rose, The. By H. B. Ellwanger 1 15
Squashes, Treatise on. By Gregory 30
Strawberry Culture, A B C of. Terry; paper 35
Sweet Potato Culture. By James Fitz 30
Vegetable Garden. Vaughan's 10
Wallace's Notes on Lilies. Illustrated; cloth (215 pages) 2 00
Window Flower Garden. Heinrich's, cloth 65
Ye Narcissus A beautifully illustrated book on all the varieties 35

ALBUM für Teppichgärtnerei und Gruppen Bepflanzung. SECOND EDITION. With 287 plans for carpet beds, flower and foliage plant groups, 336 illustrations aud 947 different ways of planting beds; in elegant, durable cover. Text, German; names Latin. Price, **$3.25.**

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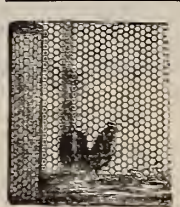

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"SANITARY."

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WE ISSUE THE FOLLOWING CATALOGUES:

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August 15—Florists' Fall Catalogue of Bulbs, etc.
September 15—Retail Catalogue of Bulbs, etc.
November 15—Special Price List of Holly, Green, etc.

NEW YORK, 14 Barclay Street.

Vaughan's Seed Store.

CHICAGO, 84 & 86 Randolph St.

VAUGHAN'S CHICAGO PARKS LAWN SEED.

A BEAUTIFUL LAWN, with its close velvety turf, is a most essential feature in the adornment of all surburban homes —without it the finest flowering plants and bedding seem insignificant, while with it handsome grounds are assured, even with no other adornment. Second only to that prime requisite, GOOD SEED, is time of sowing, quantity to use, preparation of soil, careful watering, etc.

Our seed, which we know to be as pure as can be found anywhere, is of the best varieties, best suited for even and permanent growth; it is carefully cleaned, and is as free as possible from weeds.

OUR CHICAGO PARKS LAWN SEED

Prepared for use in the Chicago Parks, named by us and sold at our Chicago Stores for many years with very general satisfaction. It will produce an even, dense growth of permanent sward as early in the season as it is possible to do. This Mixture contains no annual grasses for making quick show to the detriment of a good lawn, but only those of lasting value and hardiness, which when once established need no reseeding for years.

Vaughan's Chicago Parks Lawn Seed.

If to go by mail add 8 cents per pound.

Quantities to Use and Prices.

1 lb. package, for 400 square feet of lawn		$ .25
5 lb. package, for 2,000 square feet of lawn		1.00
10 lb. bag for 4,000 square feet of lawn		1.85
15 " " " 6,000 " " " "		2.75
20 " " " one-fifth acre of lawn		3.25
50 " " " one-half " " "		7.75
100 " " " one " " "		15.75

Lawn Seed as a rule is sold by the *quart*, which is the most profitable way to the seedsman, for the more chaff there is in the seed, the more money he will make in this way. We have always supplied it by the *pound*, which is equal to about three pints, and it is easy to be seen that if we furnish *a pound at the same price* as lawn seed can be bought for by *the quart*, and our customers will get more for their money.

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Fancy clean seed. Per lb., 20c.; 3 lbs. for 50c.; bushel, (14 lbs.) $2.00, 5 bush., $9.00.

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Where an immediate effect for one season is desired there is none better than the Red Top Grass, as it comes up quickly and makes a beautiful lawn, but the grass is liable to winter-kill.

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Add 8c. per pound to above prices if wanted by mail.

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How to Make a Lawn,

Is fully described in our new pamphlet, which will be given free with every package of Lawn seed.

A LAWN GRASS MIXTURE FOR SHADED PLACES AND LIGHT SOILS.

Columbian Lawn Grass Mixture.

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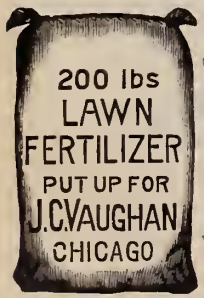
Vaughan's "Golf Link" Grass Seed.

This is a special mixture of the finest grasses, that will stand wear and tear and retain its rich velvety green appearance. **Price, per lb., 25c.; 5 lbs., $1.00; 50 lbs., $9.50; 100 lbs., $18.00.** Special price on larger lots.



Highest Chemical Analysis.

LAWN FERTILIZER.

Lawn grass is a voracious feeder and will not thrive and hold its beautiful dark green color and velvety appearance unless it receives a sufficient supply of suitable food. Because so few appreciate this fact is the reason there are so many poor, rusty-looking lawns. Stable manure is unpleasant to handle, ill-looking and decidedly odorous, and is also full of waste material. It contains weed seeds which are obnoxious, and it often takes years to eradicate the weeds, causing an unnecessary amount of labor. All these objections are obviated by the use of **our Lawn Fertilizer**, and if **Vaughan's Lawn Seed** is used there is no excuse for a bad lawn. If the lawn is in fair condition it is only necessary to rake off the dead leaves and grass in the early Spring and scatter broadcast over its surface some of **our Lawn Fertilizer** with a little of **our Chicago Park Lawn Seed** over the thin spots, and the work is done.

This fertilizer is non-odorous, dry, fine and easy to apply. Two or three applications during a season, just before a rain or watering, at the rate of one pound to each 100 square feet of grass keeps it in a flourishing condition and enables it to withstand the scorching sun. This fertilizer can also be used on all garden truck, flower and house plants.

DIRECTIONS FOR USE.

The first application should be made early in the Spring, as soon as the frost is out of the ground, at the rate of ten to fifteen pounds of fertilizer to every 1,000 square feet of lawn, evenly distributed. For seeding down a new lawn scatter double the amount, say twenty-five pounds of fertilizer, broadcast on every 1,000 feet, and rake it in thoroughly before sowing the seed.

QUANTITIES TO USE AND PRICES.

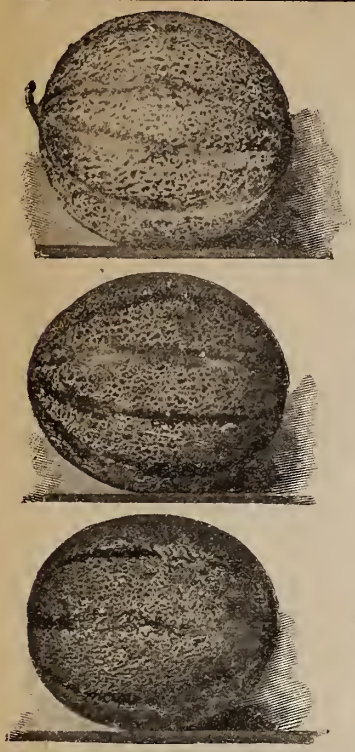
10-lb. bag for 1,000 sq. feet of lawn, or 500 sq. feet of garden	$ .50
25-lb. bag for 2,500 sq. feet of lawn, or 1,200 sq. feet of garden	1.00
50-lb. bag for 5,000 sq. feet of lawn, or 2,500 sq. feet of garden	1.60
100-lb. bag for ¼ acre of lawn or ⅛ acre of garden	2.75
200 lbs. for ½ acre of lawn, or ¼ acre of garden	$5.00.
400 lbs.	9.00

UNLEACHED HARD WOOD ASHES. This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. If used on the lawn at the rate of a ton or more per acre as a first application, an annual dressing of three hundred pounds afterwards will insure a thrifty growth of dark color, exemption from ill effects of dry weather and freedom from weeds. It is also very beneficial to vegetable and field crops, and especially recommended to Cabbage and Onion Growers.

PRICE, 1,000 lbs., $10.00; 500 lbs., $5.50; 100 lbs., 75c.; 50 lbs., 45c.; 25 lbs., 30c.

The "Paul Rose" Musk Melon.

See Back Cover Page, Colored Plate, Natural Size



Mr. Paul Rose Writes:

Dec. 4, 1897.

"I have found in my experience of nearly twenty years in melon growing, that there is an increased demand in most of the large cities of the Northern states for salmon-fleshed melons, and further that the trade prefer their melons in the half bushel Climax basket. For this reason I have labored to bring this melon to perfection, and by what you have already seen and learned of it, and by what the trade says of it wherever it has been introduced you can judge whether I have succeeded in supplying the "long felt want" or not. The Osage is too large for a basket melon. The Emerald Gem will not stand transportation or warm weather, besides it grows all sized melons on the same vine. The Paul Rose corrects these faults, and **will carry farther, stand up longer, and give better satisfaction than any salmon-fleshed melon** I have ever grown. It is the best melon I have found for the North. My experience with it in Southern Indiana the past season was highly satisfactory, except that it grows a little larger. I shall discard the Osage and plant the Paul Rose melon instead. This melon I shipped this season to Pittsburgh, Cleveland, Toledo, Indianapolis, Chicago, and other distant points, and in every instance it arrived in good condition and sold for top prices."

WE print Mr. Rose's statement exactly as Mr. Rose writes it, and add here only its description, size, color, and appearance. In size the **"Paul Rose"** ranks with well grown specimens of Netted Gem, average melons having a diameter of 4¾ to 5¼ inches with a thickness of flesh of 1⅞ inches, leaving a remarkably small seed cavity. This peculiarity, combined with close grained structure of flesh, make this melon weigh fully one-third more than a Netted Gem of the same size. A half-bushel Climax basket holds 16 of these melons.

The color of its beautiful netting is gray, which is underlaid by the dark green rind which characterizes the Osage, and shows plainly in the creases of the **Paul Rose**, producing a strikingly beautiful appearance, unparalled by any other melon. Every market gardener who plants the **Paul Rose** will concur with the originator's estimate of its superior value, above that of any other melon so far placed upon the market. The purity of our stock of seed is vouched for by the following certificate:

November 15, 1897.—This is to certify that I have sold to Vaughan's Seed Store, of Chicago and New York, my entire stock of Paul Rose melon seed; also that that seed is pure and true to name, and saved under my own personal supervision.

Paul Rose

PRICE, Pkt. 10c.; 3 pkts. for 25c.; 1-2 oz., 30c.; oz., 50c.; 2 ozs. for 80c.

Menominee Mich.—Your favor of the 14th inst. at hand. We are pleased to have an opportunity to say a word in favor of **Paul Rose** Melon. We have handled it here this season, and are still selling a great many They seem to have all the good qualities of the Emerald Gem together with the additional one of being a longer keeper. Customers have taken to them and declare them a most delicious melon, "the best melon they ever ate", and many similar expressions. Have tested them and can add our commendation to the rest. It certainly is a melon that should be saved and the growth extended.

The Parker Produce Co.

Traverse City, Mich.—We have yours of the 14th and note your inquiry relative to Musk Melons grown by Paul Rose. Mr. Rose is making us shipments of melons every other day, and we cannot get half as many as we can sell. We think they are the nicest melons we have ever seen, and this is the general verdict of all those who use them. Any further information we would be pleased to furnish at any time.

Hannah & Lay Mercantile Co.

Cadillac, Mich.—The "News and "Express" is indebted to Paul Rose of South Frankfort for a basket of the most delicious melons it has ever been our good fortune to taste.

They are small and round, having been selected and cultivated as a choice breakfast table delicacy, one half served for each plate The **Paul Rose** Melon has been developed from the Netted Gem and Osage melons and possesses the best qualities of both its ancestors; its flesh is orange and sweet as nectar and its flavor is delicate and appetizing.

News and Express.

New Onion

Bountiful...

THIS new Onion might be called an improved Prizetaker, as it somewhat resembles that variety. It grows to an enormous size and weight. The Onions are globe-shape, straw-color, very mild in flavor and will keep as long as any other variety that is much stronger in flavor. We introduced the Bountiful Onion two years ago and it gave entire satisfaction. Last year, however, our seed crop was a failure and we could not offer it. We have a good supply again this year and recommend this sort both to gardeners and for the home garden.

PRICE: ½ lb., $1.50; ¼ lb., 85c.; 2 ozs., 50c.; oz , 30c.; ½ oz , 20c.; pkt., 10c.

SUMNER, IOWA.—Ont of five varieties of Cabbage from as many different seedsmen, I find that your Select Jersey Wakefield is the earliest of all the kinds tried and the heads were the largest. The Danish Snowball Cauliflower is fine. The New Onion Bountiful is the finest home market Onion I ever raised. E. WENTWORTH.

CHEROKEE, IOWA.—Last Spring when you sent me two packets of Onion seed, Bonntiful and Early Cracker, I planted them in rows. One packet planted three rows fifteen feet long and the other two rows fifteen feet long. These were all the Onions I planted and I had all I could use all Summer, then when I gathered them in I had one and a half bushels and some of them measured twelve inches around. I have seen pictures of Onions in the catalogue where they almost covered the ground and I have had some doubts whether Onions could really grow so well, but I know now it is true. I never saw so many Onions on such a small piece of ground. MRS. S. SURLS.

The IRON AGE GARDEN TOOLS

● Write for free special Iron Age Catalogue. ●

Comprise a full line of hand machines made in the best manner and adapted for every kind of garden work, viz.: THE IRON AGE SEED DRILL, (new model) price, $7.00. THE IRON AGE COMBINED DRILL AND WHEEL HOE, $4.50. THE GEM SINGLE WHEEL HOE, $4.35. THE GEM SINGLE AND DOUBLE WHEEL HOE, $5 50. *Delivered Prepaid* to any Railway Station in the U. S. East of Missouri river at these prices.

New Musk Melon-Paul Rose.

In the "PAUL ROSE" we are offering THE BEST MUSKMELON INTRODUCED FOR MANY YEARS. It is a successful cross of the Osage with the Netted Gem and combines THE SWEETNESS OF THE FORMER with THE FINE NETTING OF THE GEM. It also has a firmness of rind and "cheesy" structure of flesh peculiarly its own and superior in these respects to any melon in existence.

IT SURPASSES ALL MELONS AS A SHIPPER AND LONG KEEPER and no other melon equals it in smallness of seed cavity, nor approaches it in firmness.

With such ideals in view Mr. Paul Rose, one of the most extensive and successful growers in the United States, has produced this as a result of six years critical selection for a BASKET MELON OF PERFECT QUALITY FOR THE SHIPPING TRADE.

In time of glut the "PAUL ROSE" was eagerly called for and quickly sold at prices four to five times higher than any other melons on the market.

A letter from Paul Rose printed on the other side of this page tells the whole story, as only an experienced grower can tell it.

We offer the seed now for the first time.

PRICE: pkt. 10¢; 3 pkts., 25¢; ½ oz., 30¢; 1 oz., 50¢; 2 oz., 80¢.

As sweet as the Osage.

A better shipper than Netted Gem.

DAILY TRADE BULLETIN.

FIRST EDITION.

DEVOTED TO THE PRODUCE MARKETS.

HOWARD, BARTELS & CO., Publishers, 28 Sherman St.

Chicago, Monday, July 26, 1897.

MELONS.

There was a lower market for Gem Melons. About six cars came from Illinois, that was more than enough for demand was tame. Some were in bad order, overripe in some cases, green in others, some were leaking.

Southern Gems were not required or desired.

GEM MELONS.

Baskets, ½-bu, Illinois, good to choice	$ 40@	50
Baskets, ½-bu, Illinois, few fancy, small way, a trifle over.		
Baskets, ½-bu, Illinois, common	10@	25
Baskets, ½-bu, Indiana, fancy Paul Rose	1 00@	...
Baskets, ½-bu, Tennessee	10@	35
Baskets, ½-bu, Mississippi, no market.		
Square crates, choice, Illinois	60@	75
Square crates, common, Illinois	25@	35
Square crates, Indiana, fancy Paul Rose	1 25@1	50
Small square crates of Illinois the same as baskets.		

CANTELOUPE MELONS.

Square crates, green	@	50
Square crates, yellow, Japan	25@	35
Barrels, large Creole, acc'ding to quality	1 00@2	25

Note exact copy of Chicago Market Report above.

Never "breaks down" in shipping

THE UNIFORM SHAPE AND AVERAGE DIAMETER - ABOUT 5 INCHES, OF THIS MELON, PERMIT PLACING OF TWO LAYERS OF EIGHT EACH IN A HALF BUSHEL BASKET, MAKING A HANDY PACKAGE OF SIXTEEN MELONS, AVERAGING ABOUT 1½ lbs EACH. THE BASKET AND FRUIT WILL WEIGH ABOUT 25 lbs SIZE MOST CONVENIENT FOR MARKET.

THEY CAN BE PILED AS ECONOMICALLY IN CARS OR HANDLED IN STORES AS GRAPE BASKETS. THIS COMPACT AND NEAT APPEARANCE WHEN PACKED, ASIDE FROM ITS SUPERLATIVE QUALITY STAMPS THE "PAUL ROSE" AS A SELLER.

Vaughan's Seed Store

NEW YORK. CHICAGO.

THIS MELON HAS BEEN MARKETED UNDER THE NAME "PETOSKY